

Converting Colors

XYZ(75.3807, 80.3651, 89.6645)

Have a look what the booklet for
XYZ(75.3807, 80.3651, 89.6645)
contains.

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Color

**XYZ(75.3542, 80.3871,
89.3866)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E9EA
RGB	226, 233, 234
RGB Percent	89%, 91%, 92%
CMY	0.1137, 0.0863, 0.0823
CMYK	0.03, 0.00, 0.00, 0.08
HSL	187°, 16%, 90%
HSV	187°, 3%, 92%
XYZ	75.3542, 80.3871, 89.3866
YIQ	231.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

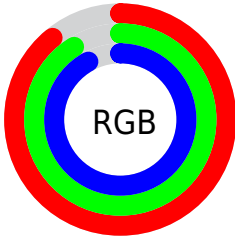
Format	Color
R _Y B	226, 230, 234
Decimal	14871018
CIE Lab	91.86, -2.14, -1.31
CIE LCh	92, 2.510, 211.391
Yxy	80.3871, 0.3074, 0.3279
Android (android.graphics.Color)	4293061098 (0xFFE2E9EA)
YUV	231.0210, 1.4686, -4.4034
Hunter-Lab	89.6589, -6.8818, 3.6512

Details

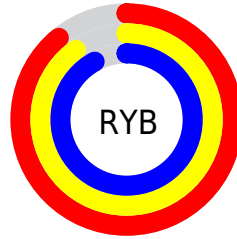
The XYZ color **75.3542, 80.3871, 89.3866** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.1284, 77.9207, 83.0331**, and the grayscale version is **75.9650, 79.9211, 87.0341**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5526, 43.3166, 48.3431** is the 20% darker color. If you saturate the color by 10%, you get **67.6940, 75.2259, 88.7953**, and if you desaturate by 10%, it is **84.0340, 86.0987, 90.0328**.

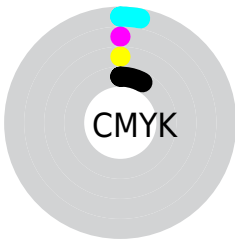
Distribution



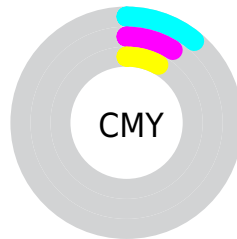
- Red (89%)
- Green (91%)
- Blue (92%)



- Red (89%)
- Yellow (90%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3542, 80.3871, 89.3866 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.3542, 80.3871, 89.3866 by changing the saturation by 10% instead.

■ 75.3542, 80.3871,
89.3866

■ 75.3542, 80.3871,
89.3866

468.1126,
496.2364, 546.5520

■ 56.1983, 60.0369,
66.9012

125.7988,
133.9098, 148.4141

■ 40.5996, 43.4484,
48.5432

157.8183,
167.8512, 185.7933

■ 28.1926, 30.2371,
33.8942

194.8564,
207.0918, 228.9741

■ 18.6121, 20.0186,
22.5356

237.2783,
252.0160, 278.3751

■ 11.4927, 12.4086,
14.0489

285.4496,
303.0081, 334.4149

■ 6.4690, 7.0226,
8.0156

339.7355,

■ 3.1756, 3.4762,

360.4526, 397.5119

4.0170

400.5013,
424.7339, 468.0848

■ 1.2473, 1.3851,
1.6347

■ 0.1432, 0.2057,
0.3154

■ 75.3542, 80.3871,
89.3866

■ 75.3542, 80.3871,
89.3866

■ 67.6940, 75.2259,
88.7953

■ 84.0340, 86.0987,
90.0328

■ 61.0062, 70.5838,
88.2518

■ 86.9092, 88.8360,
90.4096

■ 55.2500, 66.4420,
87.7558

■ 87.7684, 90.5544,
90.6960

■ 50.3790, 62.7765,
87.3050

■ 88.6414, 92.3004,
90.9870

■ 46.3430, 59.5612,
86.8971

■ 89.5283, 94.0742,
91.2826

■ 43.0863, 56.7675,
86.5295

■ 90.4291, 95.8759,
91.5829

■ 40.5466, 54.3630,
86.1992

■ 91.3440, 97.7055,
91.8879

■ 38.6520, 52.3106,
85.9029

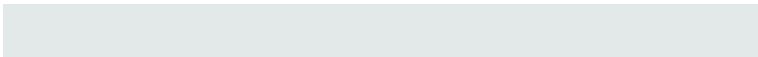
■ 91.8515, 98.7206,
92.0570

■ 37.3149, 50.5651,
85.6365

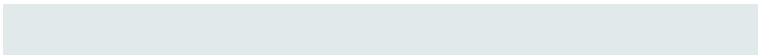
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1753, 80.3871, 87.6139



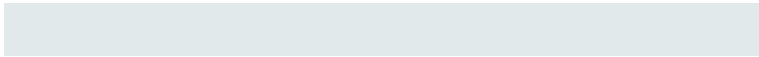
75.3542, 80.3871, 89.3866



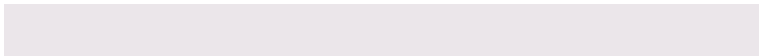
75.8146, 80.3871, 90.6757

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3542, 80.3871, 89.3866



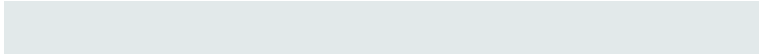
77.4969, 80.3871, 89.2356



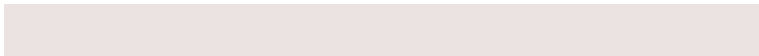
76.3755, 80.3871, 84.0330

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.3542, 80.3871, 89.3866



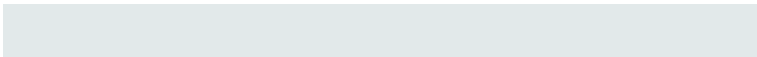
75.1284, 77.9207, 83.0331

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9995, 80.3871, 84.4537



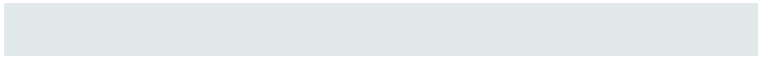
75.3542, 80.3871, 89.3866



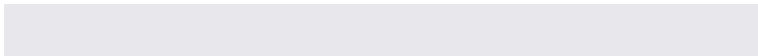
77.6491, 80.3871, 87.4419

Square

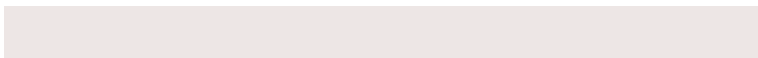
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



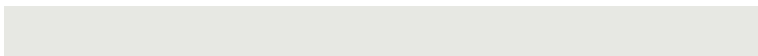
75.3542, 80.3871, 89.3866



77.0518, 80.3871, 90.5877



77.4666, 80.3871, 85.6951



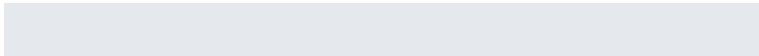
75.7629, 80.3871, 84.5378

Rectangle

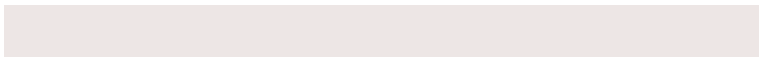
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



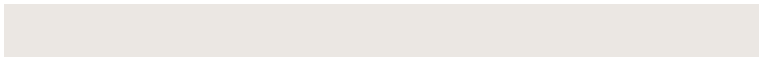
75.3542, 80.3871, 89.3866



76.2205, 80.3871, 91.0784



77.4666, 80.3871, 85.6951



76.5909, 80.3871, 84.0709

Sweetspot

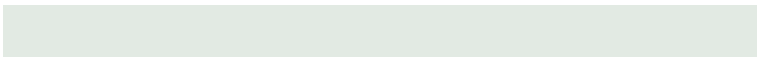
The Sweet Spot groups the original color and five complimentary colors.



75.3565, 80.3905, 89.3884



94.0168, 99.3171, 108.8226



74.6439, 80.5580, 84.2410



20.1344, 21.2652, 23.2933



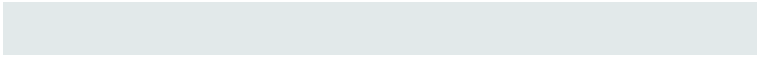
0.0000, 0.0000, 0.0000



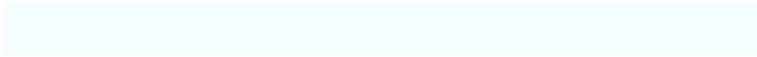
20.3446, 21.4041, 23.3091

Same Dimension

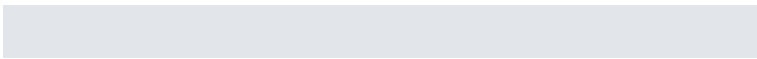
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3565, 80.3905, 89.3884



90.9926, 97.3088, 108.5944



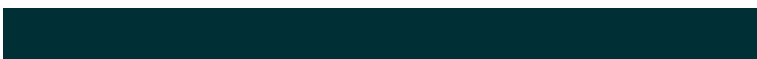
74.2542, 78.1860, 89.0209



16.1502, 17.3217, 19.4145



20.6588, 27.9647, 48.0519



1.6671, 2.2857, 3.7882

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.8378, 77.7698, 88.1089



91.6781, 93.5823, 106.7705



76.2176, 80.0992, 83.3962



16.2942, 16.5410, 19.0312



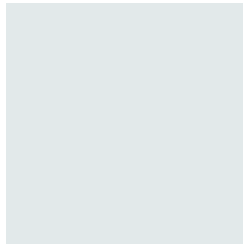
25.2829, 12.3159, 33.6208



2.0080, 0.9762, 2.7594

Previews

White Background



This preview shows how the XYZ color 75.3542, 80.3871, 89.3866 looks on a white background.

Color Contrast Check

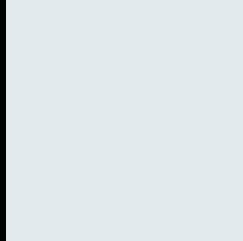
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.3542, 80.3871, 89.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

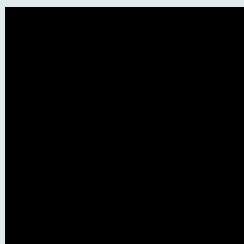
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

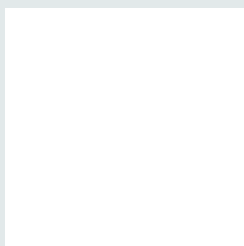
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3542, 80.3871, 89.3866

Background



This preview shows how black text looks on a background with the XYZ color 75.3542, 80.3871, 89.3866.



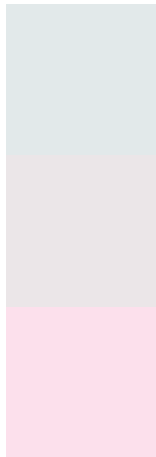
This preview shows how white text looks on a background with the XYZ color 75.3542, 80.3871, 89.3866.

89.3866.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.3542, 80.3871, 89.3866

Protanopia

77.1233, 80.0820, 87.7365

Deuteranopia

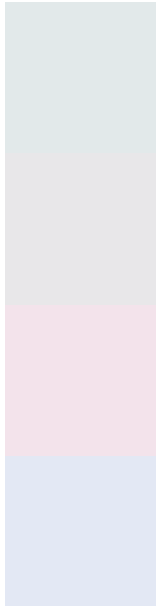
81.9409, 80.0629, 90.4918



Tritanopia

77.6697, 80.4854, 101.0641

Trichromacy



Original Color

75.3542, 80.3871, 89.3866

Protanomaly

76.5626, 80.1908, 88.5339

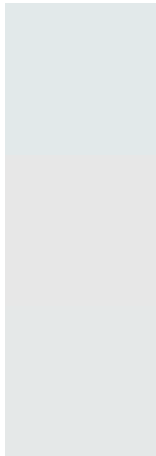
Deuteranomaly

79.4266, 79.9910, 89.8508

Tritanomaly

76.8643, 80.5758, 97.0894

Monochromacy



Original Color

75.3542, 80.3871, 89.3866

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.7352, 80.1974, 87.8319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3542, 80.3871, 89.3866 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(226, 233, 234) looks like.

```
.text, #text, p{  
    color:rgb(226, 233, 234)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 233, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 233, 234) }
```

Border

The CSS property to change the border of an element to XYZ 75.3542, 80.3871, 89.3866 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 233, 234) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 233, 234) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 233, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 233, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 233, 234);  
box-shadow:4px 4px 4px 4px rgb(226, 233,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3542, 80.3871, 89.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 233, 234) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
233, 234) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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