

Converting Colors

XYZ(75.3214, 80.5551, 92.9404)

Have a look what the booklet for
XYZ(75.3214, 80.5551, 92.9404)
contains.

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Color

**XYZ(75.4342, 80.7656,
93.2749)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEAEF
RGB	223, 234, 239
RGB Percent	87%, 92%, 94%
CMY	0.1255, 0.0823, 0.0627
CMYK	0.07, 0.02, 0.00, 0.06
HSL	199°, 33%, 91%
HSV	199°, 7%, 94%
XYZ	75.4342, 80.7656, 93.2749
YIQ	231.2810, -8.1610, -0.7770

Conversions

Conversions Part 2

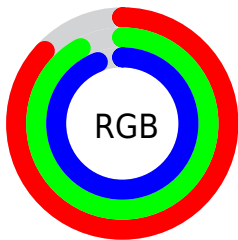
Format	Color
R_{YB}	223, 230, 239
Decimal	14674671
CIE _{Lab}	92.03, -2.71, -3.69
CIE _{LCh}	92, 4.579, 233.756
Yxy	80.7656, 0.3024, 0.3237
Android (android.graphics.Color)	4292864751 (0xFFDFEAEF)
YUV	231.2810, 3.8055, -7.2624
Hunter-Lab	89.8697, -7.4438, 1.3722

Details

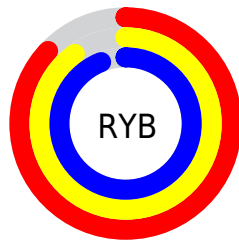
The XYZ color **75.4342, 80.7656, 93.2749** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.6595, 79.1645, 81.0531**, and the grayscale version is **76.1437, 80.1091, 87.2388**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6161, 43.5845, 51.0717** is the 20% darker color. If you saturate the color by 10%, you get **66.5044, 73.0761, 92.2626**, and if you desaturate by 10%, it is **85.4976, 89.1768, 94.3693**.

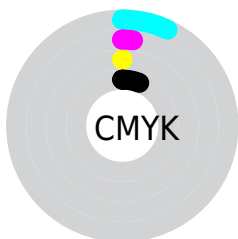
Distribution



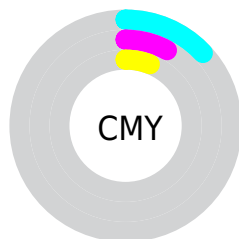
- Red (87%)
- Green (92%)
- Blue (94%)



- Red (87%)
- Yellow (90%)
- Blue (94%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (13%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4342, 80.7656, 93.2749 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 75.4342, 80.7656, 93.2749 by changing the saturation by 10% instead.

■ 75.4342, 80.7656,
93.2749

■ 75.4342, 80.7656,
93.2749

468.3829,
497.5092, 559.4700

■ 56.2641, 60.3486,
70.1111

125.9114,
134.4416, 153.8541

■ 40.6525, 43.6997,
51.1397

157.9493,
168.4693, 192.1066

■ 28.2342, 30.4345,
35.9423

195.0071,
207.8028, 236.2258

■ 18.6436, 20.1686,
24.1003

237.4502,
252.8263, 286.6301

■ 11.5155, 12.5176,
15.1952

285.6440,
303.9243, 343.7382

■ 6.4845, 7.0973,
8.8083

339.9538,

■ 3.1853, 3.5230,

361.4812, 407.9685

4.5213

400.7449,
425.8814, 479.7396

■ 1.2525, 1.4105,
1.9154

■ 0.1472, 0.2244,
0.5025

■ 75.4342, 80.7656,
93.2749

■ 75.4342, 80.7656,
93.2749

■ 66.5044, 73.0761,
92.2626

■ 85.4976, 89.1768,
94.3693

■ 58.6567, 66.0735,
91.3246

■ 90.6749, 95.2014,
95.2593

■ 51.8462, 59.7351,
90.4601

■ 92.5802, 99.0121,
95.8944

■ 46.0215, 54.0330,
89.6665

■ 41.1270, 48.9366,
88.9407

■ 37.1010, 44.4125,
88.2797

■ 33.8737, 40.4228,
87.6797

■ 31.3635, 36.9236,
87.1366

■ 29.4677, 33.8602,
86.6452

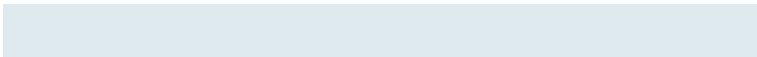
Harmonies

Analogous

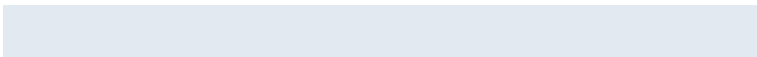
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7112, 80.7656, 90.5785



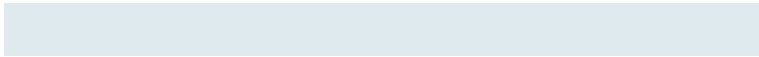
75.4342, 80.7656, 93.2749



76.5192, 80.7656, 94.5458

Triad

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



75.4342, 80.7656, 93.2749



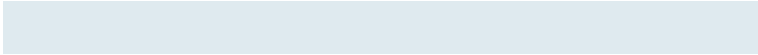
79.0384, 80.7656, 88.6473



75.8567, 80.7656, 82.1367

Complementary

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



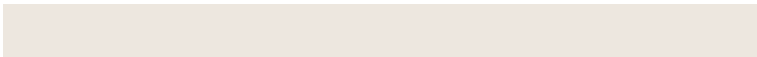
75.4342, 80.7656, 93.2749



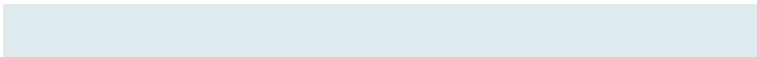
76.6595, 79.1645, 81.0531

Split Complementary

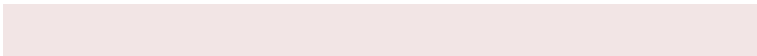
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0118, 80.7656, 81.6493



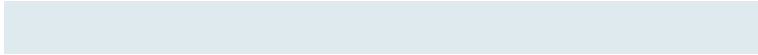
75.4342, 80.7656, 93.2749



78.8566, 80.7656, 85.3532

Square

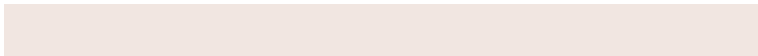
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



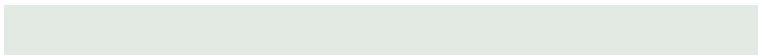
75.4342, 80.7656, 93.2749



78.6061, 80.7656, 91.8304



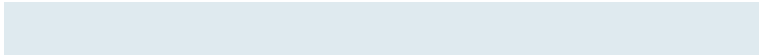
78.1119, 80.7656, 82.8125



74.9534, 80.7656, 84.1611

Rectangle

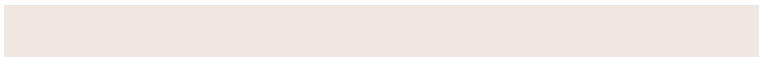
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



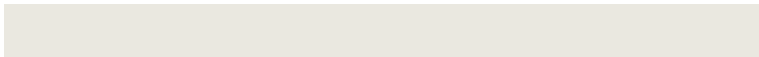
75.4342, 80.7656, 93.2749



77.3050, 80.7656, 94.3910



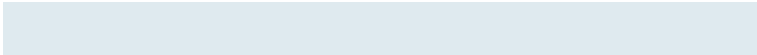
78.1119, 80.7656, 82.8125



76.2281, 80.7656, 81.7898

Sweetspot

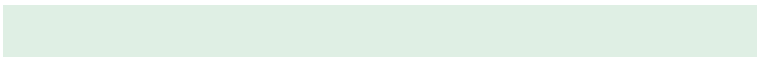
The Sweet Spot groups the original color and five complimentary colors.



75.4365, 80.7690, 93.2767



92.6926, 98.0336, 108.6447



75.2750, 83.0126, 85.3102



19.8648, 21.0039, 23.2571



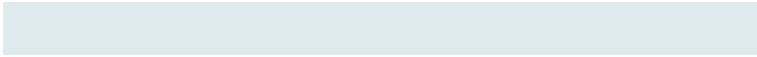
0.0000, 0.0000, 0.0000



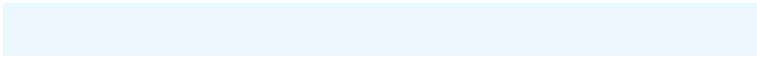
20.3446, 21.4041, 23.3091

Same Dimension

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



75.4365, 80.7690, 93.2767



85.9403, 92.3368, 107.9010



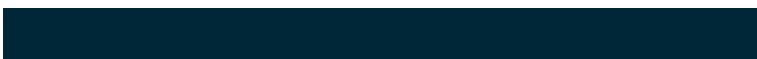
73.2634, 76.4228, 92.5523



15.8068, 17.0477, 20.1790



16.1049, 18.4340, 47.8372



1.4281, 1.7102, 4.0091

Inverse Universe

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



76.8373, 77.0681, 88.6718



87.8751, 87.2643, 101.5322



78.8551, 83.5556, 81.7850



16.2319, 15.9425, 18.7775



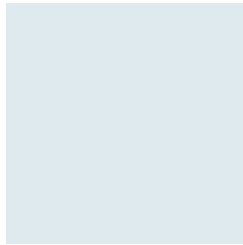
23.4546, 11.6543, 20.8424



1.9958, 0.9874, 1.9687

Previews

White Background



This preview shows how the XYZ color 75.4342, 80.7656, 93.2749 looks on a white background.

Color Contrast Check

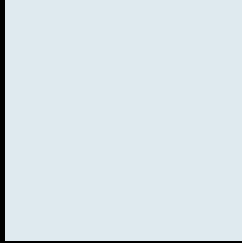
Large Text (above 18pt) WCAG AA × Fail

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 75.4342, 80.7656, 93.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

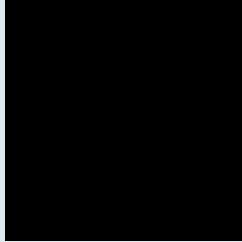
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

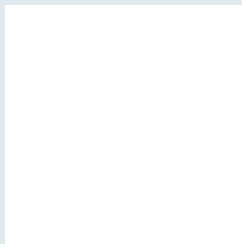
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4342, 80.7656, 93.2749

Background



This preview shows how black text looks on a background with the XYZ color 75.4342, 80.7656, 93.2749.



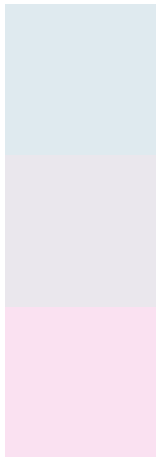
This preview shows how white text looks on a background with the XYZ color 75.4342, 80.7656,

93.2749.

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

75.4342, 80.7656, 93.2749

Protanopia

77.7937, 80.7587, 91.6086

Deuteranopia

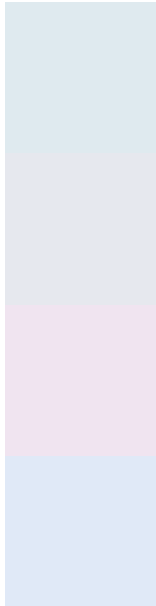
82.2267, 80.5253, 94.4282



Tritanopia

77.3205, 80.6858, 102.7655

Trichromacy



Original Color

75.4342, 80.7656, 93.2749

Protanomaly

76.9224, 80.7093, 92.4131

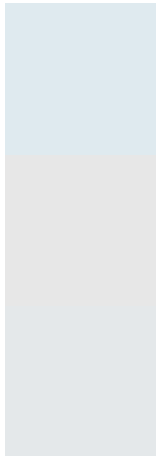
Deuteranomaly

79.4068, 80.3033, 93.7530

Tritanomaly

76.6679, 80.8405, 99.5586

Monochromacy



Original Color

75.4342, 80.7656, 93.2749

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.7028, 80.1477, 89.3220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4342, 80.7656, 93.2749 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(223, 234, 239)` looks like.

```
.text, #text, p{  
    color:rgb(223, 234, 239)  
}
```

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(223, 234, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 234, 239) }
```

Border

The CSS property to change the border of an element to XYZ 75.4342, 80.7656, 93.2749 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(223, 234, 239) }
```


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

```
.border{ border-color:rgb(223, 234, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 234, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 234, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 234, 239);  
box-shadow:4px 4px 4px 4px rgb(223, 234,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4342, 80.7656, 93.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 234, 239) }
```

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

```
.background{ background-color: rgb(223,  
234, 239) }
```

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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