

Converting Colors

XYZ(75.7488, 80.5187, 93.3788)

Have a look what the booklet for
XYZ(75.7488, 80.5187, 93.3788)
contains.

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Color

**XYZ(75.7702, 80.5174,
93.2092)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E9EF
RGB	225, 233, 239
RGB Percent	88%, 91%, 94%
CMY	0.1176, 0.0863, 0.0627
CMYK	0.06, 0.03, 0.00, 0.06
HSL	206°, 30%, 91%
HSV	206°, 6%, 94%
XYZ	75.7702, 80.5174, 93.2092
YIQ	231.2920, -6.6940, 0.1700

Conversions

Conversions Part 2

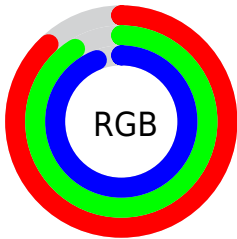
Format	Color
R _Y B	225, 230, 239
Decimal	14805487
CIE Lab	91.92, -1.54, -3.84
CIE LCh	92, 4.138, 248.101
Yxy	80.5174, 0.3037, 0.3227
Android (android.graphics.Color)	4292995567 (0xFFE1E9EF)
YUV	231.2920, 3.8000, -5.5181
Hunter-Lab	89.7315, -6.3029, 1.2241

Details

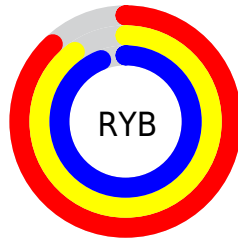
The XYZ color **75.7702, 80.5174, 93.2092** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.7632, 80.9379, 82.7593**, and the grayscale version is **76.1512, 80.1170, 87.2474**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8469, 43.4092, 51.0257** is the 20% darker color. If you saturate the color by 10%, you get **66.0209, 71.3157, 91.9482**, and if you desaturate by 10%, it is **86.7351, 90.5998, 94.5786**.

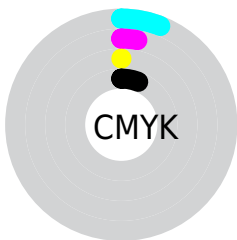
Distribution



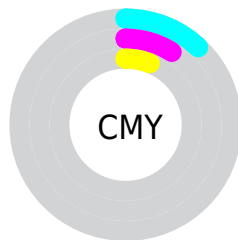
- Red (88%)
- Green (91%)
- Blue (94%)



- Red (88%)
- Yellow (90%)
- Blue (94%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (12%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7702, 80.5174, 93.2092 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 75.7702, 80.5174, 93.2092 by changing the saturation by 10% instead.

■ 75.7702, 80.5174,
93.2092

■ 75.7702, 80.5174,
93.2092

469.5172,
496.6748, 559.2531

■ 56.5405, 60.1442,
70.0568

126.3841,
134.0929, 153.7624

■ 40.8751, 43.5349,
51.0957

158.4990,
168.0641, 192.0003

■ 28.4088, 30.3050,
35.9075

195.6397,
207.3366, 236.1037

■ 18.7760, 20.0702,
24.0737

238.1715,
252.2950, 286.4912

■ 11.6116, 12.4461,
15.1756

286.4598,
303.3236, 343.5814

■ 6.5501, 7.0483,
8.7947

340.8699,

■ 3.2262, 3.4923,

360.8069, 407.7927

4.5125

401.7673,
425.1291, 479.5438

■ 1.2745, 1.3938,
1.9105

■ 0.1640, 0.2122,
0.4994

■ 75.7702, 80.5174,
93.2092

■ 75.7702, 80.5174,
93.2092

■ 66.0209, 71.3157,
91.9482

■ 86.7351, 90.5998,
94.5786

■ 57.4345, 62.9567,
90.7873

■ 92.0966, 98.0449,
95.7331

■ 49.9642, 55.4141,
89.7251

■ 92.5802, 99.0121,
95.8943

■ 43.5574, 48.6564,
88.7584

■ 38.1568, 42.6496,
87.8837

■ 33.6994, 37.3564,
87.0969

■ 30.1141, 32.7354,
86.3939

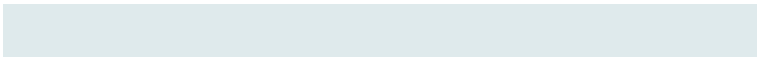
■ 27.3185, 28.7390,
85.7699

■ 25.2111, 25.3100,
85.2191

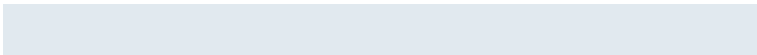
Harmonies

Analogous

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



74.9335, 80.5174, 91.3284



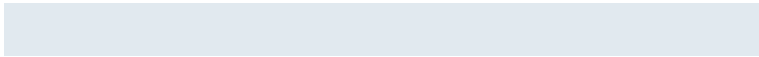
75.7702, 80.5174, 93.2092



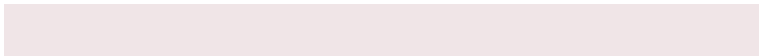
76.8175, 80.5174, 93.5886

Triad

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



75.7702, 80.5174, 93.2092



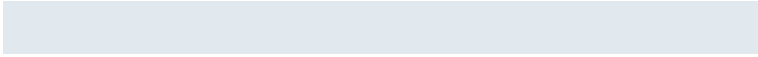
78.5691, 80.5174, 86.8482



75.2761, 80.5174, 83.1473

Complementary

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



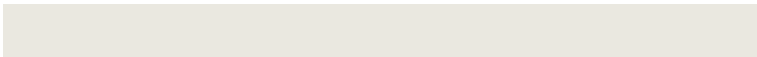
75.7702, 80.5174, 93.2092



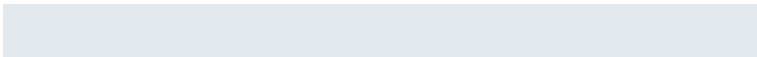
77.7632, 80.9379, 82.7593

Split Complementary

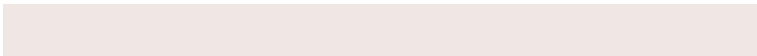
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2420, 80.5174, 82.0059



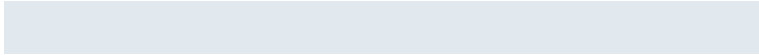
75.7702, 80.5174, 93.2092



78.1477, 80.5174, 84.1101

Square

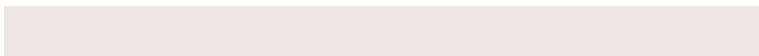
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7702, 80.5174, 93.2092



78.4399, 80.5174, 89.8693



77.2936, 80.5174, 82.3543



74.6501, 80.5174, 85.5064

Rectangle

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



75.7702, 80.5174, 93.2092



77.4953, 80.5174, 92.9309



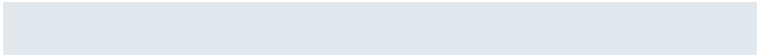
77.2936, 80.5174, 82.3543



75.5715, 80.5174, 82.6110

Sweetspot

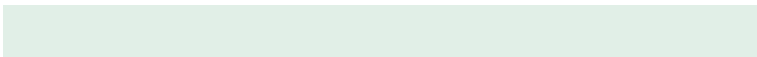
The Sweet Spot groups the original color and five complimentary colors.



75.7725, 80.5208, 93.2110



92.5056, 97.6598, 108.5824



76.3193, 83.5019, 87.5741



19.8267, 20.9278, 23.2444



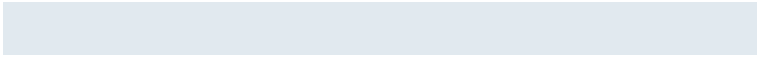
0.0000, 0.0000, 0.0000



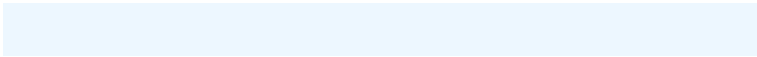
20.3446, 21.4041, 23.3091

Same Dimension

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



75.7725, 80.5208, 93.2110



86.3946, 91.9892, 107.8099



73.8742, 76.7242, 92.5782



16.0600, 17.1160, 20.1789



13.6579, 13.5400, 47.0215



1.2347, 1.3234, 3.9446

Inverse Universe

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



77.2315, 78.0858, 88.0964



88.4110, 88.6526, 100.7350



79.7144, 84.8403, 83.4097



16.4667, 16.4458, 18.7514



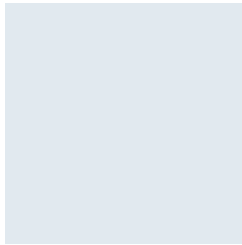
22.2195, 11.1602, 14.3383



1.8982, 0.9483, 1.4547

Previews

White Background



This preview shows how the XYZ color 75.7702, 80.5174, 93.2092 looks on a white background.

Color Contrast Check

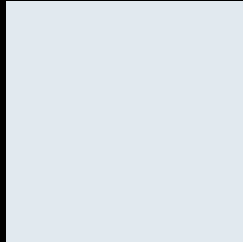
Large Text (above 18pt) WCAG AA × Fail

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 75.7702, 80.5174, 93.2092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

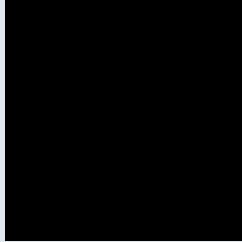
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

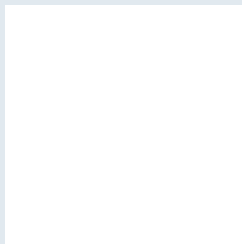
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7702, 80.5174, 93.2092

Background



This preview shows how black text looks on a background with the XYZ color 75.7702, 80.5174, 93.2092.

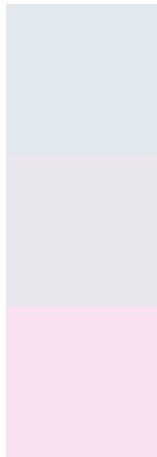


This preview shows how white text looks on a background with the XYZ color 75.7702, 80.5174,

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

75.7702, 80.5174, 93.2092

Protanopia

77.5146, 80.2005, 91.5155

Deuteranopia

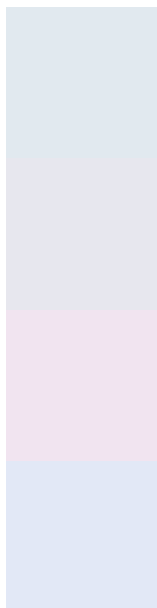
82.2267, 80.5253, 94.4282



Tritanopia

77.5098, 80.3848, 101.8731

Trichromacy



Original Color

75.7702, 80.5174, 93.2092

Protanomaly

76.9635, 80.3138, 92.3346

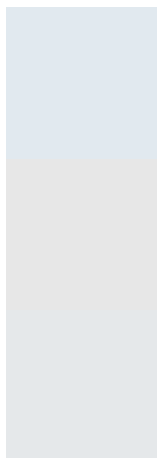
Deuteranomaly

79.7472, 80.4788, 93.7689

Tritanomaly

76.8552, 80.5358, 98.6830

Monochromacy



Original Color

75.7702, 80.5174, 93.2092

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.0210, 80.3118, 89.3369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7702, 80.5174, 93.2092 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(225, 233, 239)` looks like.

```
.text, #text, p{  
    color:rgb(225, 233, 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(225, 233, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 233, 239) }
```

Border

The CSS property to change the border of an element to XYZ 75.7702, 80.5174, 93.2092 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(225, 233, 239) }
```


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

```
.border{ border-color:rgb(225, 233, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 233, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 233, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 233, 239);  
box-shadow:4px 4px 4px 4px rgb(225, 233,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7702, 80.5174, 93.2092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 233, 239) }
```

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

```
.background{ background-color: rgb(225,  
233, 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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