

Converting Colors

XYZ(75.0227, 82.5174, 98.3986)

Have a look what the booklet for
XYZ(75.0227, 82.5174, 98.3986)
contains.

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Color

**XYZ(75.0795, 82.6217,
98.3767)**

Conversions

Conversions Part 1

Format	Color
Hex	D6EFF5
RGB	214, 239, 245
RGB Percent	84%, 94%, 96%
CMY	0.1608, 0.0627, 0.0392
CMYK	0.13, 0.02, 0.00, 0.04
HSL	192°, 61%, 90%
HSV	192°, 13%, 96%
XYZ	75.0795, 82.6217, 98.3767
YIQ	232.2090, -16.8260, -3.4340

Conversions

Conversions Part 2

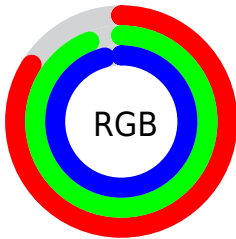
Format	Color
R _{YB}	214, 228, 245
Decimal	14086133
CIE _{Lab}	92.85, -6.97, -5.68
CIE _{LCh}	93, 8.993, 219.155
Y _{xy}	82.6217, 0.2932, 0.3226
Android (android.graphics.Color)	4292276213 (0xFFD6EFF5)
Y _{UV}	232.2090, 6.3060, -15.9693
Hunter-Lab	90.8965, -11.6298, -0.5417

Details

The XYZ color **75.0795, 82.6217, 98.3767** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.3876, 75.4537, 74.2105**, and the grayscale version is **76.8235, 80.8243, 88.0176**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4169, 44.9120, 54.6828** is the 20% darker color. If you saturate the color by 10%, you get **67.0913, 76.4729, 97.6122**, and if you desaturate by 10%, it is **84.1844, 89.4046, 99.2074**.

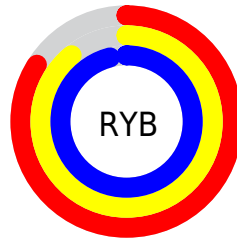
Distribution



Red (84%)

Green (94%)

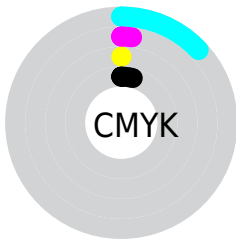
Blue (96%)



Red (84%)

Yellow (89%)

Blue (96%)

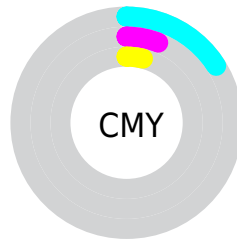


Cyan (13%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (16%)

Magenta (6%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0795, 82.6217, 98.3767 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 75.0795, 82.6217, 98.3767 by changing the saturation by 10% instead.

■ 75.0795, 82.6217,
98.3767

■ 75.0795, 82.6217,
98.3767

467.1837,
503.7249, 576.1777

■ 55.9724, 61.8781,
74.3362

125.4122,
137.0455, 160.9570

■ 40.4177, 44.9342,
54.5708

157.3685,
171.4945, 200.3339

■ 28.0501, 31.4056,
38.6619

194.3387,
211.2808, 245.6600

■ 18.5040, 20.9079,
26.1910

236.6880,
256.7887, 297.3538

■ 11.4143, 13.0567,
16.7396

284.7817,
308.4027, 355.8340

■ 6.4156, 7.4676,
9.8890

338.9854,

■ 3.1424, 3.7562,

366.5071, 421.5190

5.2208

399.6643,
431.4864, 494.8274

■ 1.2295, 1.5381,
2.3164

■ 0.1295, 0.3154,
0.7404

■ 75.0795, 82.6217,
98.3767

■ 75.0795, 82.6217,
98.3767

■ 67.0913, 76.4729,
97.6122

■ 84.1844, 89.4046,
99.2074

■ 60.1643, 70.9226,
96.9060

■ 91.4380, 95.2854,
99.9601

■ 54.2493, 65.9472,
96.2574

■ 92.9175, 98.2442,
100.4533

■ 49.2901, 61.5172,
95.6637

■ 93.4817, 99.3727,
100.6414

■ 45.2247, 57.6004,
95.1219

■ 41.9838, 54.1607,
94.6288

■ 39.4875, 51.1562,
94.1805

■ 37.6389, 48.5367,
93.7723

■ 36.5863, 46.8019,
93.4929

Harmonies

Analogous

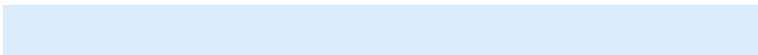
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1550, 82.6217, 92.0344



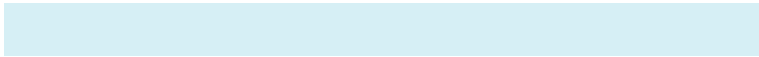
75.0795, 82.6217, 98.3767



76.9335, 82.6217, 102.5968

Triad

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



75.0795, 82.6217, 98.3767



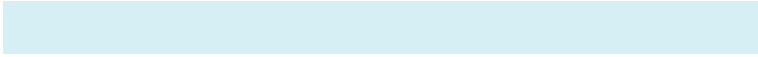
82.8257, 82.6217, 94.6420



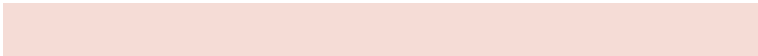
77.8131, 82.6217, 77.7873

Complementary

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



75.0795, 82.6217, 98.3767



75.3876, 75.4537, 74.2105

Split Complementary

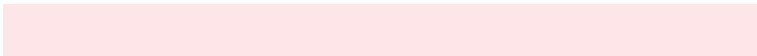
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.1473, 82.6217, 78.4077



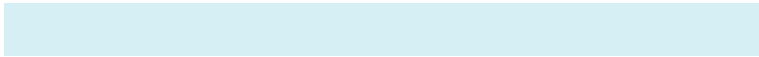
75.0795, 82.6217, 98.3767



83.0726, 82.6217, 87.9189

Square

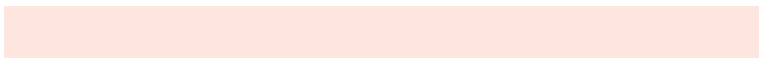
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0795, 82.6217, 98.3767



81.4155, 82.6217, 100.3670



82.0835, 82.6217, 82.0395



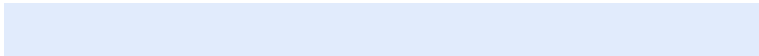
75.7124, 82.6217, 80.3003

Rectangle

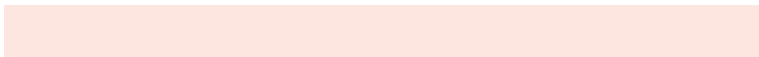
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



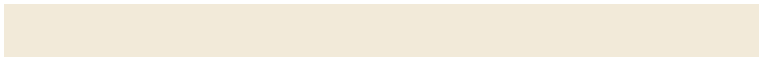
75.0795, 82.6217, 98.3767



78.4629, 82.6217, 103.5220



82.0835, 82.6217, 82.0395



78.5961, 82.6217, 77.6392

Sweetspot

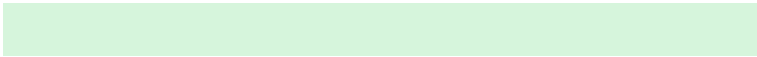
The Sweet Spot groups the original color and five complimentary colors.



75.0819, 82.6251, 98.3785



90.7702, 96.8641, 108.5203



73.2618, 84.7530, 79.9896



19.2611, 20.6094, 23.2128



0.0000, 0.0000, 0.0000



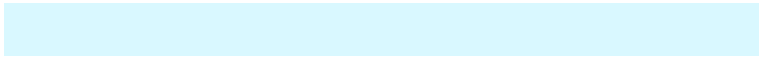
20.3446, 21.4041, 23.3091

Same Dimension

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



75.0819, 82.6251, 98.3785



80.0358, 88.8231, 107.5340



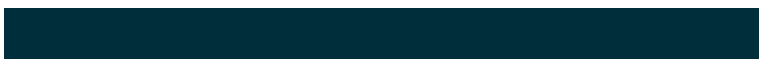
70.8209, 74.1031, 96.9582



16.7084, 18.1811, 21.1712



19.8077, 25.4092, 50.3985



1.8091, 2.3696, 4.4523

Inverse Universe

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



77.2847, 73.7394, 91.8251



82.8699, 77.5095, 99.0757



79.5560, 83.7907, 75.6000



17.0681, 16.7101, 20.1054



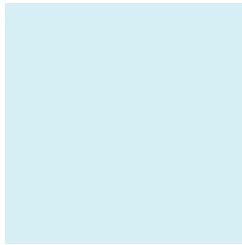
25.8025, 12.6645, 29.9982



2.3022, 1.1269, 2.8178

Previews

White Background



This preview shows how the XYZ color 75.0795, 82.6217, 98.3767 looks on a white background.

Color Contrast Check

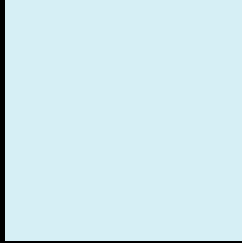
Large Text (above 18pt) WCAG AA × Fail

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 75.0795, 82.6217, 98.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

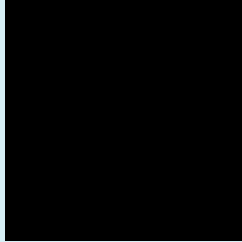
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0795, 82.6217, 98.3767

Background



This preview shows how black text looks on a background with the XYZ color 75.0795, 82.6217, 98.3767.

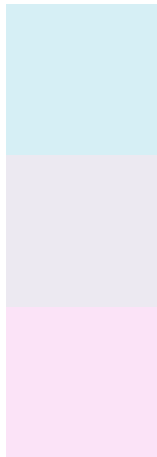


This preview shows how white text looks on a background with the XYZ color 75.0795, 82.6217,

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

75.0795, 82.6217, 98.3767

Protanopia

79.6082, 82.4616, 94.9400

Deuteranopia

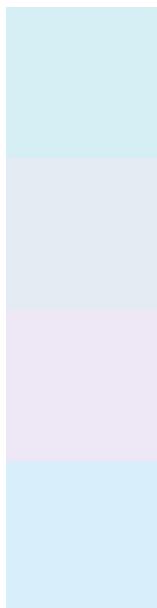
84.0412, 82.1628, 99.4252



Tritanopia

76.9495, 82.5401, 106.4839

Trichromacy



Original Color

75.0795, 82.6217, 98.3767

Protanomaly

77.7303, 82.3214, 95.7972

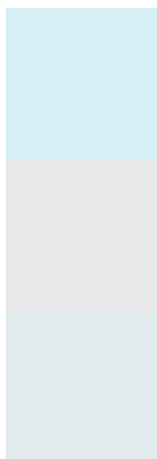
Deuteranomaly

80.4704, 81.9828, 98.7718

Tritanomaly

76.3060, 82.7130, 103.2102

Monochromacy



Original Color

75.0795, 82.6217, 98.3767

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.0457, 81.5386, 91.8513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0795, 82.6217, 98.3767 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(214, 239, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 239, 245)  
}
```

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(214, 239, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 239, 245) }
```

Border

The CSS property to change the border of an element to XYZ 75.0795, 82.6217, 98.3767 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(214, 239, 245) }
```


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

```
.border{ border-color:rgb(214, 239, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 239, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 239, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 239, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 239,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0795, 82.6217, 98.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 239, 245) }
```

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

```
.background{ background-color: rgb(214,  
239, 245) }
```

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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