

Converting Colors

XYZ(75.2214, 82.9593, 98.6632)

Have a look what the booklet for
XYZ(75.2214, 82.9593, 98.6632)
contains.

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Color

**XYZ(75.3731, 83.2089,
98.4745)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F0F5
RGB	214, 240, 245
RGB Percent	84%, 94%, 96%
CMY	0.1608, 0.0588, 0.0392
CMYK	0.13, 0.02, 0.00, 0.04
HSL	190°, 61%, 90%
HSV	190°, 13%, 96%
XYZ	75.3731, 83.2089, 98.4745
YIQ	232.7960, -17.1010, -3.9570

Conversions

Conversions Part 2

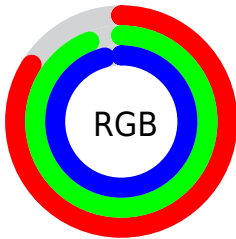
Format	Color
R _Y B	214, 228, 245
Decimal	14086389
CIE Lab	93.11, -7.48, -5.30
CIE LCh	93, 9.168, 215.312
Yxy	83.2089, 0.2932, 0.3237
Android (android.graphics.Color)	4292276469 (0xFFD6F0F5)
YUV	232.7960, 6.0166, -16.4841
Hunter-Lab	91.2189, -12.1407, -0.1527

Details

The XYZ color **75.3731, 83.2089, 98.4745** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.1258, 74.9303, 74.1233**, and the grayscale version is **77.2661, 81.2900, 88.5248**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6239, 45.3260, 54.7518** is the 20% darker color. If you saturate the color by 10%, you get **67.6044, 77.4991, 97.7832**, and if you desaturate by 10%, it is **84.2474, 89.5306, 99.2283**.

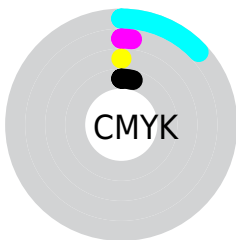
Distribution



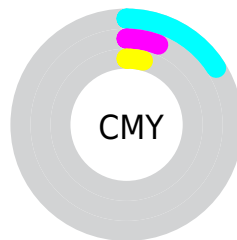
- Red (84%)
- Green (94%)
- Blue (96%)



- 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 75.3731, 83.2089, 98.4745 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 75.3731, 83.2089, 98.4745 by changing the saturation by 10% instead.

75.3731, 83.2089,
98.4745

75.3731, 83.2089,
98.4745

468.1764,
505.6825, 576.4955

56.2139, 62.3625,
74.4174

125.8254,
137.8680, 161.0928

40.6121, 45.3257,
54.6369

157.8493,
172.4495, 200.4910

28.2024, 31.7140,
38.7144

194.8920,
212.3781, 245.8400

18.6195, 21.1432,
26.2315

237.3189,
258.0383, 297.5583

11.4981, 13.2287,
16.7696

285.4955,
309.8145, 356.0644

6.4726, 7.5862,
9.9101

339.7870,

3.1779, 3.8313,

368.0909, 421.7770

5.2346

400.5589,
433.2521, 495.1145

■ 1.2485, 1.5797,
2.3244

■ 0.1442, 0.3438,
0.7448

■ 75.3731, 83.2089,
98.4745

■ 75.3731, 83.2089,
98.4745

■ 67.6044, 77.4991,
97.7832

■ 84.2474, 89.5306,
99.2283

■ 60.8860, 72.3659,
97.1465

■ 91.2593, 94.9278,
99.9005

■ 55.1687, 67.7858,
96.5637

■ 92.4856, 97.3805,
100.3093

■ 50.3963, 63.7298,
96.0324

■ 93.4817, 99.3727,
100.6413

■ 46.5073, 60.1657,
95.5494

■ 43.4323, 57.0576,
95.1116

■ 41.0914, 54.3641,
94.7150

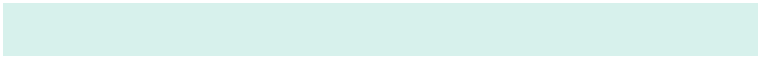
■ 39.3880, 52.0351,
94.3553

■ 38.4358, 50.5009,
94.1093

Harmonies

Analogous

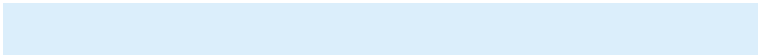
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5711, 83.2089, 91.8321



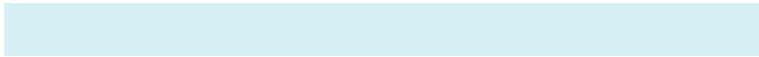
75.3731, 83.2089, 98.4745



77.1714, 83.2089, 103.1763

Triad

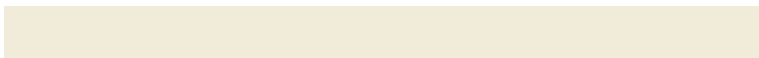
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3731, 83.2089, 98.4745



83.3648, 83.2089, 96.2463



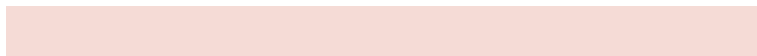
78.6602, 83.2089, 78.0409

Complementary

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



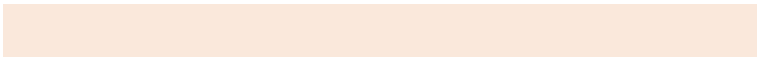
75.3731, 83.2089, 98.4745



75.1258, 74.9303, 74.1233

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.



81.0352, 83.2089, 79.0902



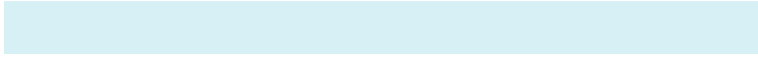
75.3731, 83.2089, 98.4745



83.7828, 83.2089, 89.3797

Square

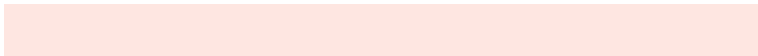
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3731, 83.2089, 98.4745



81.7912, 83.2089, 101.8449



82.9221, 83.2089, 83.1575



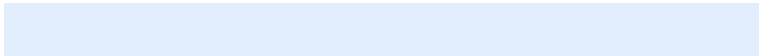
76.4442, 83.2089, 80.2155

Rectangle

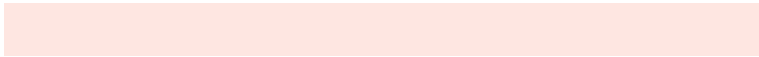
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



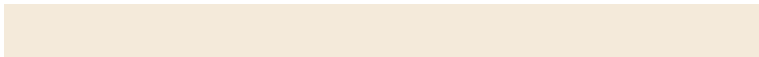
75.3731, 83.2089, 98.4745



78.7101, 83.2089, 104.4536



82.9221, 83.2089, 83.1575



79.4662, 83.2089, 78.0296

Sweetspot

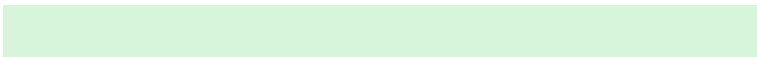
The Sweet Spot groups the original color and five complimentary colors.



75.3755, 83.2124, 98.4764



90.8742, 97.0721, 108.5549



73.1256, 84.6984, 79.2723



19.2875, 20.6622, 23.2216



0.0000, 0.0000, 0.0000



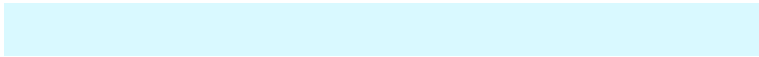
20.3446, 21.4041, 23.3091

Same Dimension

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



75.3755, 83.2124, 98.4764



80.4157, 89.5828, 107.6606



71.0991, 74.6596, 97.0509



16.7560, 18.2763, 21.1871



20.7919, 27.3777, 50.7266



1.8869, 2.5253, 4.4782

Inverse Universe

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



77.4328, 73.7987, 92.6055



83.0616, 77.5862, 100.0854



79.2607, 83.2001, 75.5016



17.0922, 16.7197, 20.2319



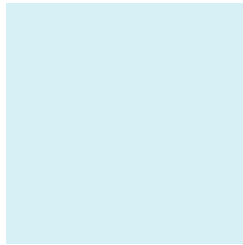
26.2993, 12.8632, 32.6143



2.3415, 1.1426, 3.0247

Previews

White Background



This preview shows how the XYZ color 75.3731, 83.2089, 98.4745 looks on a white background.

Color Contrast Check

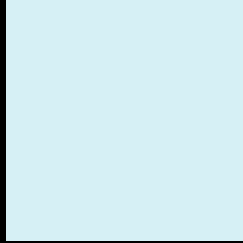
Large Text (above 18pt) WCAG AA × Fail

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 75.3731, 83.2089, 98.4745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

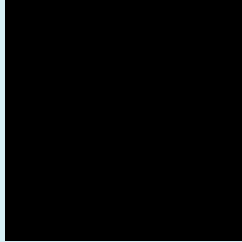
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3731, 83.2089, 98.4745

Background



This preview shows how black text looks on a background with the XYZ color 75.3731, 83.2089, 98.4745.



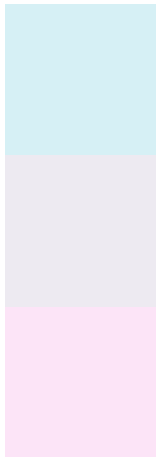
This preview shows how white text looks on a background with the XYZ color 75.3731, 83.2089,

98.4745.

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

75.3731, 83.2089, 98.4745

Protanopia

80.2251, 83.2010, 95.0502

Deuteranopia

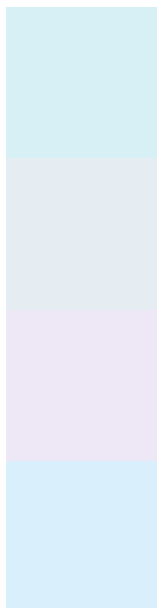
84.6768, 82.8977, 99.5336



Tritanopia

77.5380, 83.2745, 106.5946

Trichromacy



Original Color

75.3731, 83.2089, 98.4745

Protanomaly

78.3356, 83.0597, 95.9078

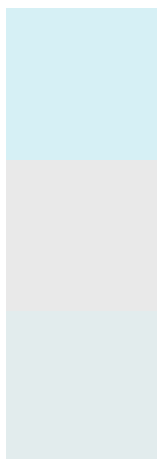
Deuteranomaly

80.7511, 82.5442, 98.8654

Tritanomaly

76.8944, 83.4498, 103.3214

Monochromacy



Original Color

75.3731, 83.2089, 98.4745

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.6455, 82.2741, 91.9616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3731, 83.2089, 98.4745 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, 240, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 240, 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, 240, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 240, 245) }
```

Border

The CSS property to change the border of an element to XYZ 75.3731, 83.2089, 98.4745 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, 240, 245) }
```


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

```
.border{ border-color:rgb(214, 240, 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, 240, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 240, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 240, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 240,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3731, 83.2089, 98.4745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 240, 245) }
```

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

```
.background{ background-color: rgb(214,  
240, 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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