

Converting Colors

XYZ(75.9410, 83.8821, 98.6146)

Have a look what the booklet for
XYZ(75.9410, 83.8821, 98.6146)
contains.

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Color

**XYZ(75.9611, 83.9502,
98.5866)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F1F5
RGB	215, 241, 245
RGB Percent	84%, 95%, 96%
CMY	0.1569, 0.0549, 0.0392
CMYK	0.12, 0.02, 0.00, 0.04
HSL	188°, 60%, 90%
HSV	188°, 12%, 96%
XYZ	75.9611, 83.9502, 98.5866
YIQ	233.6820, -16.7800, -4.2680

Conversions

Conversions Part 2

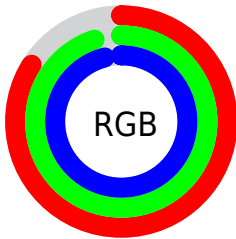
Format	Color
R _Y B	215, 229, 245
Decimal	14152181
CIE Lab	93.43, -7.67, -4.82
CIE LCh	93, 9.059, 212.112
Yxy	83.9502, 0.2939, 0.3248
Android (android.graphics.Color)	4292342261 (0xFFD7F1F5)
YUV	233.6820, 5.5798, -16.3841
Hunter-Lab	91.6243, -12.3573, 0.3418

Details

The XYZ color **75.9611, 83.9502, 98.5866** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.2541, 74.9817, 74.7983**, and the grayscale version is **77.9366, 81.9953, 89.2929**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0315, 45.8456, 54.8306** is the 20% darker color. If you saturate the color by 10%, you get **68.3418, 78.6030, 97.9574**, and if you desaturate by 10%, it is **84.6799, 89.8944, 99.2757**.

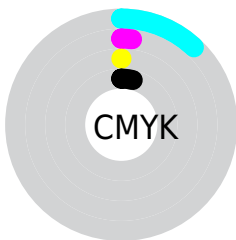
Distribution



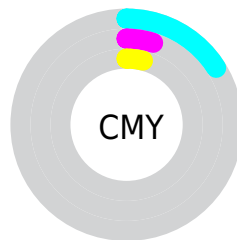
- Red (84%)
- Green (95%)
- Blue (96%)



- Red (84%)
- Yellow (90%)
- Blue (96%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9611, 83.9502, 98.5866 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 75.9611, 83.9502, 98.5866 by changing the saturation by 10% instead.

75.9611, 83.9502,
98.5866

75.9611, 83.9502,
98.5866

470.1610,
508.1479, 576.8595

56.6976, 62.9743,
74.5104

126.6526,
138.9055, 161.2484

41.0017, 45.8204,
54.7126

158.8112,
173.6537, 200.6710

28.5081, 32.1041,
38.7746

195.9989,
213.7615, 246.0462

18.8514, 21.4411,
26.2779

238.5810,
259.6133, 297.7925

11.6663, 13.4468,
16.8041

286.9230,
311.5934, 356.3285

6.5875, 7.7369,
9.9344

341.3900,

3.2495, 3.9271,

370.0863, 422.0726

5.2505

402.3476,
435.4763, 495.4434

■ 1.2870, 1.6329,
2.3337

■ 0.1735, 0.3796,
0.7500

■ 75.9611, 83.9502,
98.5866

■ 75.9611, 83.9502,
98.5866

■ 68.3418, 78.6030,
97.9574

■ 84.6799, 89.8944,
99.2757

■ 61.7668, 73.8176,
97.3802

■ 91.1457, 94.7007,
99.8627

■ 56.1873, 69.5707,
96.8546

■ 92.1555, 96.7203,
100.1993

■ 51.5475, 65.8335,
96.3778

■ 93.1828, 98.7750,
100.5417

■ 47.7858, 62.5743,
95.9470

■ 93.4817, 99.3727,
100.6413

■ 44.8335, 59.7573,
95.5588

■ 42.6113, 57.3416,
95.2097

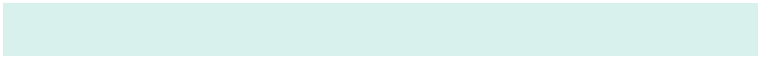
■ 41.0235, 55.2777,
94.8950

■ 40.1157, 53.8608,
94.6693

Harmonies

Analogous

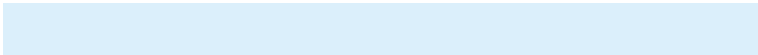
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2855, 83.9502, 91.8935



75.9611, 83.9502, 98.5866



77.6610, 83.9502, 103.5458

Triad

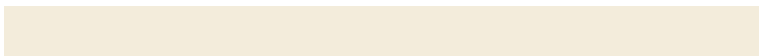
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9611, 83.9502, 98.5866



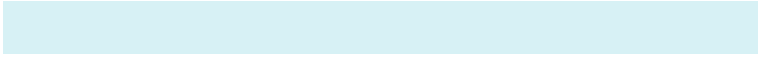
83.9250, 83.9502, 97.7055



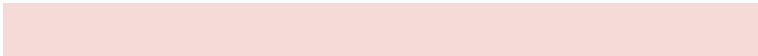
79.6229, 83.9502, 78.8711

Complementary

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



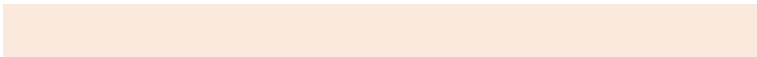
75.9611, 83.9502, 98.5866



75.2541, 74.9817, 74.7983

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.



81.9620, 83.9502, 80.2570



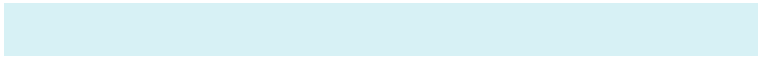
75.9611, 83.9502, 98.5866



84.4751, 83.9502, 90.9232

Square

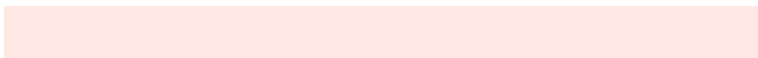
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9611, 83.9502, 98.5866



82.2610, 83.9502, 103.0195



83.7499, 83.9502, 84.5857



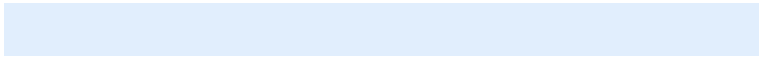
77.3732, 83.9502, 80.7026

Rectangle

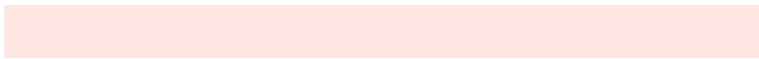
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9611, 83.9502, 98.5866



79.1628, 83.9502, 105.0796



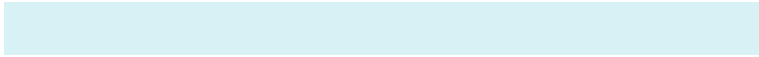
83.7499, 83.9502, 84.5857



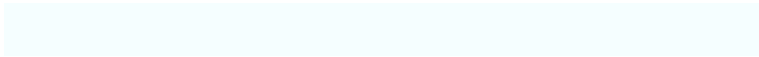
80.4248, 83.9502, 78.9760

Sweetspot

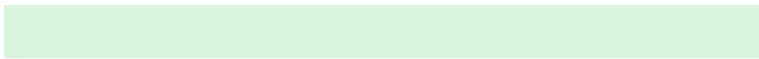
The Sweet Spot groups the original color and five complimentary colors.



75.9635, 83.9537, 98.5885



90.9645, 97.2526, 108.5850



73.3987, 84.8415, 79.1824



19.3105, 20.7080, 23.2292



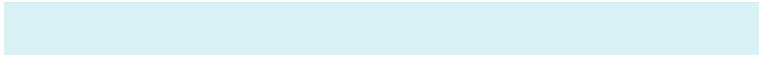
0.0000, 0.0000, 0.0000



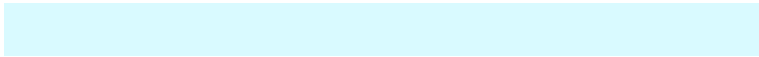
20.3446, 21.4041, 23.3091

Same Dimension

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



75.9635, 83.9537, 98.5885



80.7469, 90.2451, 107.7710



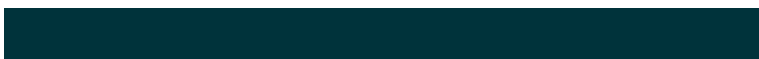
71.8398, 75.7063, 97.2139



16.7974, 18.3591, 21.2009



21.6851, 29.1640, 51.0243



1.9571, 2.6655, 4.5016

Inverse Universe

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



77.8358, 74.3661, 93.4747



83.2288, 77.6530, 100.9657



79.2040, 82.8816, 76.1149



17.1131, 16.7281, 20.3420



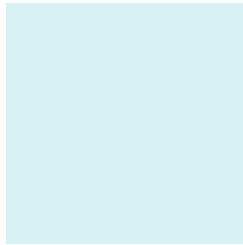
26.7502, 13.0435, 34.9883



2.3769, 1.1567, 3.2111

Previews

White Background



This preview shows how the XYZ color 75.9611, 83.9502, 98.5866 looks on a white background.

Color Contrast Check

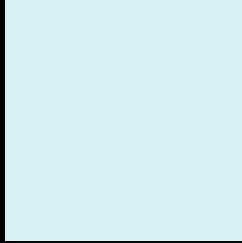
Large Text (above 18pt) WCAG AA × Fail

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 75.9611, 83.9502, 98.5866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

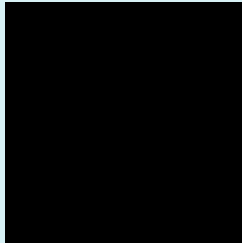
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9611, 83.9502, 98.5866

Background



This preview shows how black text looks on a background with the XYZ color 75.9611, 83.9502, 98.5866.

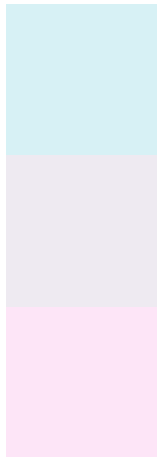


This preview shows how white text looks on a background with the XYZ color 75.9611, 83.9502,

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

75.9611, 83.9502, 98.5866

Protanopia

80.5599, 83.3737, 95.0659

Deuteranopia

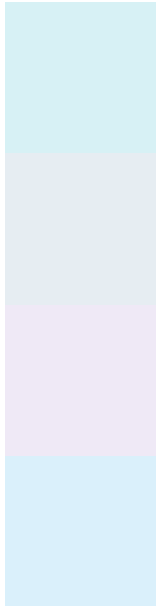
85.3158, 83.6367, 99.6426



Tritanopia

78.4317, 84.1686, 106.7201

Trichromacy



Original Color

75.9611, 83.9502, 98.5866

Protanomaly

78.9443, 83.8022, 96.0190

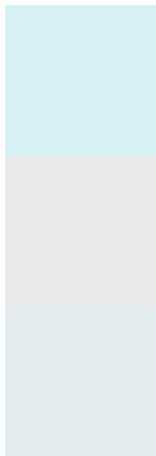
Deuteranomaly

81.3701, 83.2824, 98.9752

Tritanomaly

77.4861, 84.1906, 103.4333

Monochromacy



Original Color

75.9611, 83.9502, 98.5866

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.3954, 83.0723, 92.8443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9611, 83.9502, 98.5866 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(215, 241, 245)` looks like.

```
.text, #text, p{  
    color:rgb(215, 241, 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(215, 241, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 241, 245) }
```

Border

The CSS property to change the border of an element to XYZ 75.9611, 83.9502, 98.5866 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(215, 241, 245) }
```


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

```
.border{ border-color:rgb(215, 241, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 241, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 241, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 241, 245);  
box-shadow:4px 4px 4px 4px rgb(215, 241,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9611, 83.9502, 98.5866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 241, 245) }
```

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

```
.background{ background-color: rgb(215,  
241, 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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