

Converting Colors

XYZ(74.7305, 83.4562, 93.0415)

Have a look what the booklet for
XYZ(74.7305, 83.4562, 93.0415)
contains.

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Color

**XYZ(74.6195, 83.3798,
93.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F1EE
RGB	214, 241, 238
RGB Percent	84%, 95%, 93%
CMY	0.1608, 0.0549, 0.0667
CMYK	0.11, 0.00, 0.01, 0.05
HSL	173°, 49%, 89%
HSV	173°, 11%, 95%
XYZ	74.6195, 83.3798, 93.0500
YIQ	232.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

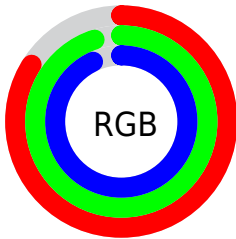
Format	Color
R _{YB}	214, 228, 241
Decimal	14086638
CIE Lab	93.18, -9.35, -1.55
CIE LCh	93, 9.478, 189.422
Yxy	83.3798, 0.2972, 0.3321
Android (android.graphics.Color)	4292276718 (0xFFD6F1EE)
YUV	232.5850, 2.6696, -16.2990
Hunter-Lab	91.3125, -13.9289, 3.5006

Details

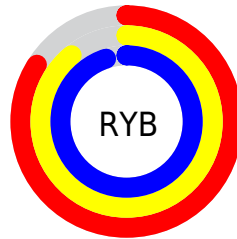
The XYZ color **74.6195, 83.3798, 93.0500** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.8496, 71.8059, 75.6698**, and the grayscale version is **77.1309, 81.1477, 88.3699**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0905, 45.4463, 50.9150** is the 20% darker color. If you saturate the color by 10%, you get **67.7093, 79.8649, 90.6875**, and if you desaturate by 10%, it is **82.5810, 87.4405, 95.4958**.

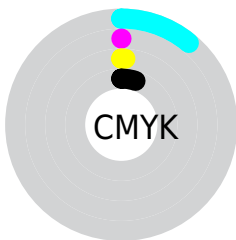
Distribution



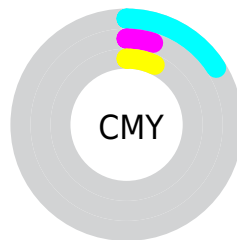
- Red (84%)
- Green (95%)
- Blue (93%)



- Red (84%)
- Yellow (89%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6195, 83.3798, 93.0500 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 74.6195, 83.3798, 93.0500 by changing the saturation by 10% instead.

74.6195, 83.3798,
93.0500

74.6195, 83.3798,
93.0500

465.6261,
506.2514, 558.7273

55.5943, 62.5035,
69.9252

124.7644,
138.1073, 153.5401

40.1135, 45.4397,
50.9891

156.6148,
172.7273, 191.7425

27.8116, 31.8039,
35.8233

193.4710,
212.6973, 235.8078

18.3234, 21.2117,
24.0091

235.6983,
258.4017, 286.1546

11.2835, 13.2789,
15.1281

283.6621,
310.2249, 343.2014

6.3266, 7.6209,
8.7617

337.7278,

3.0872, 3.8533,

368.5514, 407.3668

4.4914

398.2607,
433.7654, 479.0692

■ 1.2000, 1.5919,
1.8986

■ 0.1064, 0.3521,
0.4919

■ 74.6195, 83.3798,
93.0500

■ 74.6195, 83.3798,
93.0500

■ 67.7093, 79.8649,
90.6875

■ 82.5810, 87.4405,
95.4958

■ 61.7977, 76.8619,
88.4005

■ 88.9294, 90.6667,
97.8951

■ 56.8381, 74.3489,
86.1884

■ 89.3381, 90.8302,
100.0473

■ 52.7776, 72.2988,
84.0486

■ 89.7527, 90.9961,
102.2308

■ 49.5577, 70.6814,
81.9783

■ 90.1734, 91.1643,
104.4456

■ 47.1133, 69.4631,
79.9741

■ 90.6000, 91.3349,
106.6921

■ 45.3697, 68.6054,
78.0326

■ 90.7468, 91.3937,
107.4656

■ 44.2371, 68.0620,
76.1494

■ 43.6199, 67.7789,
74.5352

Harmonies

Analogous

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



74.8512, 83.3798, 86.0513



74.6195, 83.3798, 93.0500



75.6083, 83.3798, 99.7763

Triad

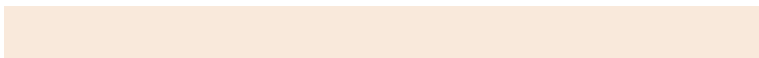
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6195, 83.3798, 93.0500



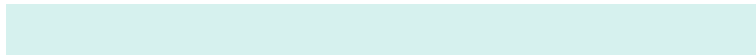
82.3298, 83.3798, 101.7972



80.9449, 83.3798, 78.5436

Complementary

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



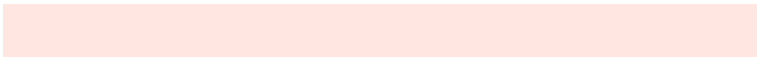
74.6195, 83.3798, 93.0500



72.8496, 71.8059, 75.6698

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.



83.0068, 83.3798, 82.3535



74.6195, 83.3798, 93.0500



83.8179, 83.3798, 95.6922

Square

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



74.6195, 83.3798, 93.0500



80.0365, 83.3798, 104.9979



84.0682, 83.3798, 88.5599



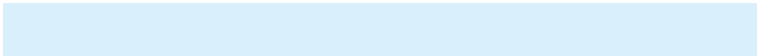
78.4687, 83.3798, 77.9189

Rectangle

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



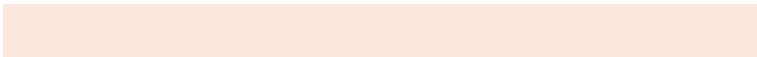
74.6195, 83.3798, 93.0500



76.8390, 83.3798, 103.1120



84.0682, 83.3798, 88.5599



81.7109, 83.3798, 79.4844

Sweetspot

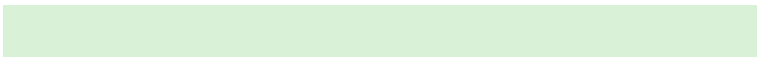
The Sweet Spot groups the original color and five complimentary colors.



74.6219, 83.3833, 93.0519



92.1546, 98.5232, 108.0510



72.2553, 82.5439, 75.7440



19.5633, 21.0056, 23.0791



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.



74.6219, 83.3833, 93.0519



83.3002, 94.0107, 105.2810



72.0893, 77.6060, 94.4031



16.1672, 17.8969, 19.9034



23.6844, 36.7658, 40.5825



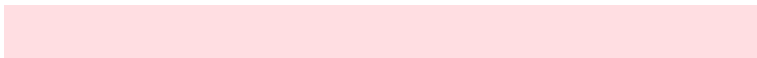
1.9917, 3.0671, 3.4889

Inverse Universe

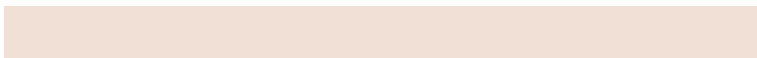
The Inverse Universe completely reimagines the original color for something new.



72.8496, 71.8059, 75.6698



80.9855, 78.8885, 82.5776



75.1660, 77.0583, 74.5318



15.8443, 15.7874, 16.7362



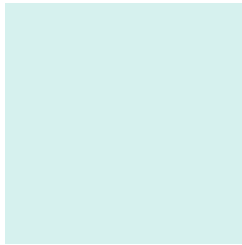
19.8015, 10.1930, 1.6055



1.6707, 0.8573, 0.2566

Previews

White Background



This preview shows how the XYZ color 74.6195, 83.3798, 93.0500 looks on a white background.

Color Contrast Check

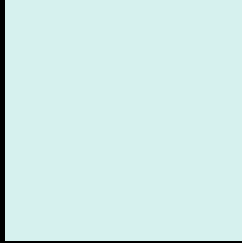
Large Text (above 18pt) WCAG AA × Fail

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 74.6195, 83.3798, 93.0500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

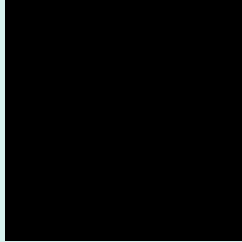
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

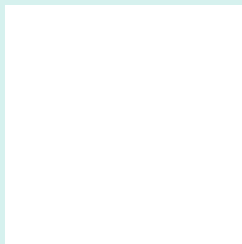
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6195, 83.3798, 93.0500

Background



This preview shows how black text looks on a background with the XYZ color 74.6195, 83.3798, 93.0500.



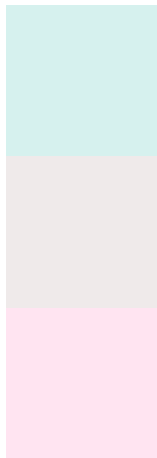
This preview shows how white text looks on a background with the XYZ color 74.6195, 83.3798,

93.0500.

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

74.6195, 83.3798, 93.0500

Protanopia

79.8707, 83.1369, 89.6793

Deuteranopia

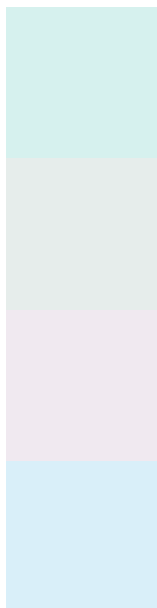
84.8606, 83.0977, 94.7859



Tritanopia

77.8380, 83.4291, 106.6087

Trichromacy



Original Color

74.6195, 83.3798, 93.0500

Protanomaly

77.9127, 83.3895, 90.5866

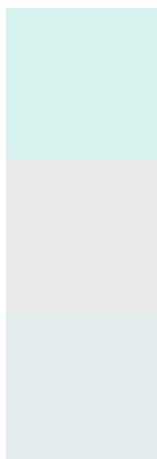
Deuteranomaly

80.8023, 83.0944, 94.2182

Tritanomaly

76.5807, 83.3243, 101.6695

Monochromacy



Original Color

74.6195, 83.3798, 93.0500

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.3549, 82.1578, 90.4310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6195, 83.3798, 93.0500 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, 241, 238) looks like.

```
.text, #text, p{  
    color:rgb(214, 241, 238)  
}
```

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, 241, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 241, 238) }
```

Border

The CSS property to change the border of an element to XYZ 74.6195, 83.3798, 93.0500 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, 241, 238) }
```


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

```
.border{ border-color:rgb(214, 241, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 241, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 241, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 241, 238);  
box-shadow:4px 4px 4px 4px rgb(214, 241,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6195, 83.3798, 93.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 241, 238) }
```

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

```
.background{ background-color: rgb(214,  
241, 238) }
```

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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