

Converting Colors

XYZ(73.9533, 84.8326, 92.5987)

Have a look what the booklet for
XYZ(73.9533, 84.8326, 92.5987)
contains.

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Color

**XYZ(73.9509, 84.8291,
92.5968)**

Conversions

Conversions Part 1

Format	Color
Hex	D0F5ED
RGB	208, 245, 237
RGB Percent	82%, 96%, 93%
CMY	0.1843, 0.0392, 0.0706
CMYK	0.15, 0.00, 0.03, 0.04
HSL	167°, 65%, 89%
HSV	167°, 15%, 96%
XYZ	73.9509, 84.8291, 92.5968
YIQ	233.0250, -19.4840, -10.3320

Conversions

Conversions Part 2

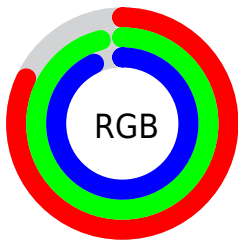
Format	Color
R _{YB}	208, 229, 245
Decimal	13694445
CIE _{Lab}	93.81, -13.44, -0.16
CIE _{LCh}	94, 13.444, 180.676
Y _{xy}	84.8291, 0.2942, 0.3375
Android (android.graphics.Color)	4291884525 (0xFFD0F5ED)
YUV	233.0250, 1.9597, -21.9469
Hunter-Lab	92.1027, -17.8589, 4.8638

Details

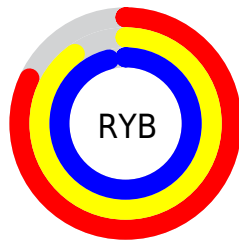
The XYZ color **73.9509, 84.8291, 92.5968** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.6098, 69.4844, 74.5544**, and the grayscale version is **77.4691, 81.5035, 88.7574**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6750, 46.5037, 50.6011** is the 20% darker color. If you saturate the color by 10%, you get **66.8252, 81.2461, 88.2826**, and if you desaturate by 10%, it is **82.1684, 88.9769, 97.0851**.

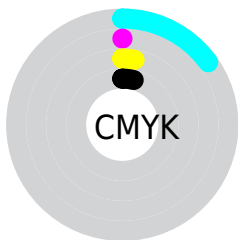
Distribution



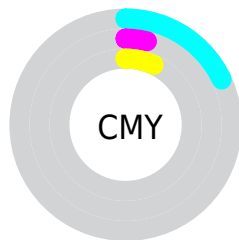
- Red (82%)
- Green (96%)
- Blue (93%)



- Red (82%)
- Yellow (90%)
- Blue (96%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (18%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9509, 84.8291, 92.5968 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 73.9509, 84.8291, 92.5968 by changing the saturation by 10% instead.

73.9509, 84.8291,
92.5968

73.9509, 84.8291,
92.5968

463.3568,
511.0624, 557.2290

55.0450, 63.7002,
69.5506

123.8221,
140.1344, 152.9071

39.6717, 46.4079,
50.6857

155.5181,
175.0795, 191.0084

27.4658, 32.5678,
35.5836

192.2081,
215.3989, 234.9651

18.0617, 21.7956,
23.8256

234.2576,
261.4768, 285.1957

11.0943, 13.7068,
14.9933

282.0318,
313.6977, 342.1189

6.1980, 7.9170,
8.6681

335.8962,

3.0077, 4.0419,

372.4461, 406.1532

4.4315

396.2161,
438.1061, 477.7170

■ 1.1578, 1.6970,
1.8649

■ 0.0727, 0.4217,
0.4703

■ 73.9509, 84.8291,
92.5968

■ 73.9509, 84.8291,
92.5968

■ 66.8252, 81.2461,
88.2826

■ 82.1684, 88.9769,
97.0851

■ 60.7352, 78.1921,
84.1335

■ 90.7752, 93.3204,
101.7103

■ 55.6305, 75.6435,
80.1480

■ 91.6075, 93.6533,
106.0931

■ 51.4538, 73.5707,
76.3223

■ 91.9439, 93.7879,
107.8646

■ 48.1418, 71.9411,
72.6523

■ 45.6228, 70.7177,
69.1337

■ 43.8135, 69.8578,
65.7615

■ 42.6116, 69.3085,
62.5298

■ 42.1698, 69.1142,
60.9946

Harmonies

Analogous

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



74.7846, 84.8291, 83.0593



73.9509, 84.8291, 92.5968



74.8617, 84.8291, 102.7710

Triad

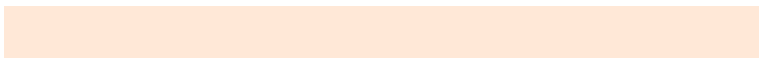
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9509, 84.8291, 92.5968



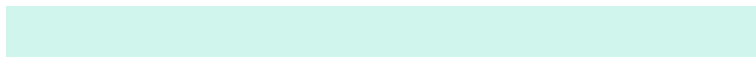
84.1837, 84.8291, 110.3419



84.0393, 84.8291, 76.2496

Complementary

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



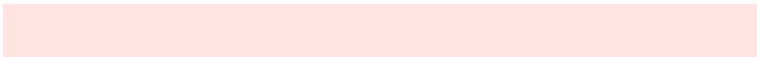
73.9509, 84.8291, 92.5968



72.6098, 69.4844, 74.5544

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.



86.6820, 84.8291, 82.6853



73.9509, 84.8291, 92.5968



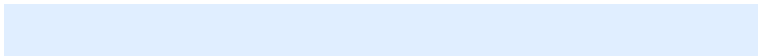
86.7671, 84.8291, 102.3399

Square

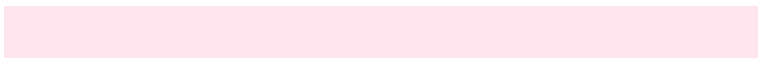
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



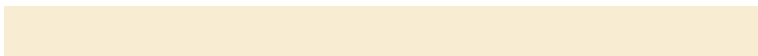
73.9509, 84.8291, 92.5968



80.7086, 84.8291, 113.4694



87.6944, 84.8291, 92.1325



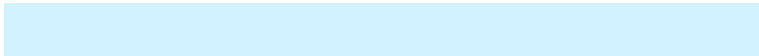
80.5465, 84.8291, 74.0536

Rectangle

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



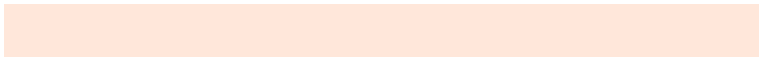
73.9509, 84.8291, 92.5968



76.3516, 84.8291, 108.4369



87.6944, 84.8291, 92.1325



85.0601, 84.8291, 77.9643

Sweetspot

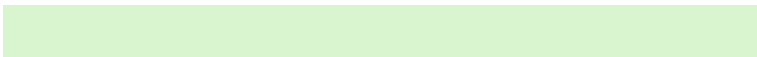
The Sweet Spot groups the original color and five complimentary colors.



73.9533, 84.8326, 92.5987



90.0729, 97.4852, 106.3661



72.3641, 84.4640, 72.1651



19.1350, 20.7929, 22.6913



0.0000, 0.0000, 0.0000



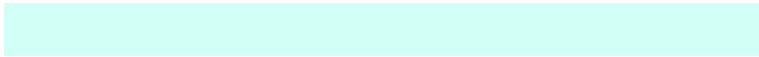
20.3446, 21.4041, 23.3091

Same Dimension

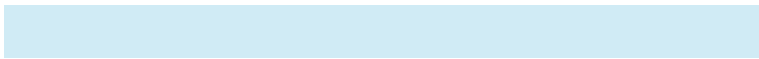
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9533, 84.8326, 92.5987



78.5753, 91.6869, 100.0001



72.0666, 79.1458, 97.8686



16.8343, 18.6928, 20.4115



22.7701, 37.2529, 33.1388



2.0385, 3.2890, 3.1085

Inverse Universe

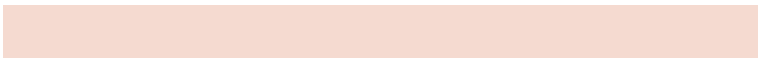
The Inverse Universe completely reimagines the original color for something new.



72.6098, 69.4844, 74.5544



76.8548, 72.0259, 76.8887



74.2411, 74.3630, 70.1165



16.6458, 16.5412, 17.8814



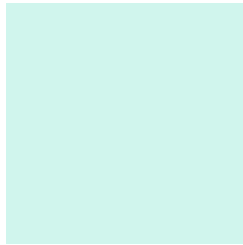
20.6736, 10.6129, 2.9898



1.8536, 0.9474, 0.4554

Previews

White Background



This preview shows how the XYZ color 73.9509, 84.8291, 92.5968 looks on a white background.

Color Contrast Check

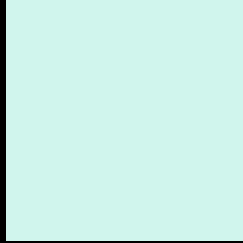
Large Text (above 18pt) WCAG AA × Fail

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 73.9509, 84.8291, 92.5968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

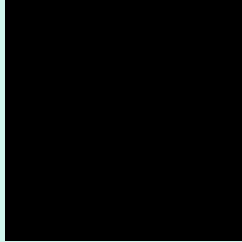
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

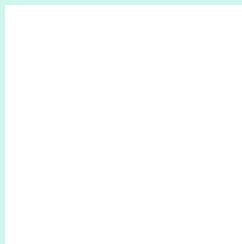
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9509, 84.8291, 92.5968

Background



This preview shows how black text looks on a background with the XYZ color 73.9509, 84.8291, 92.5968.



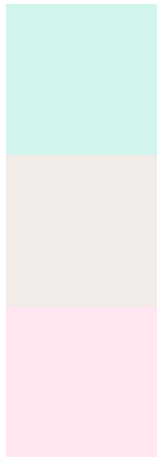
This preview shows how white text looks on a background with the XYZ color 73.9509, 84.8291,

92.5968.

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

73.9509, 84.8291, 92.5968

Protanopia

81.1789, 84.6943, 88.4130

Deuteranopia

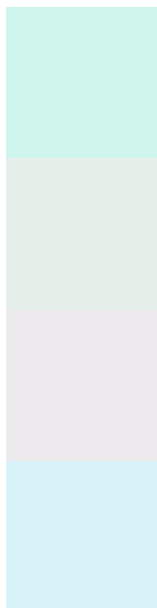
85.2650, 84.1449, 94.1857



Tritanopia

78.4235, 84.6002, 106.8039

Trichromacy



Original Color

73.9509, 84.8291, 92.5968

Protanomaly

78.3509, 84.4965, 90.0218

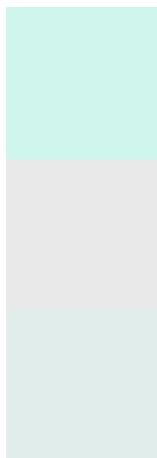
Deuteranomaly

80.5482, 83.8258, 93.5960

Tritanomaly

76.7197, 84.7286, 101.1176

Monochromacy



Original Color

73.9509, 84.8291, 92.5968

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.8759, 82.3562, 89.7391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9509, 84.8291, 92.5968 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(208, 245, 237)` looks like.

```
.text, #text, p{  
    color:rgb(208, 245, 237)  
}
```

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(208, 245, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 245, 237) }
```

Border

The CSS property to change the border of an element to XYZ 73.9509, 84.8291, 92.5968 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(208, 245, 237) }
```


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

```
.border{ border-color:rgb(208, 245, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 245, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 245, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 245, 237);  
box-shadow:4px 4px 4px 4px rgb(208, 245,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9509, 84.8291, 92.5968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 245, 237) }
```

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

```
.background{ background-color: rgb(208,  
245, 237) }
```

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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