

Converting Colors

XYZ(38.6506, 46.7039, 65.0772)

Have a look what the booklet for
XYZ(38.6506, 46.7039, 65.0772)
contains.

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Color

**XYZ(38.5944, 46.5911,
65.3514)**

Conversions

Conversions Part 1

Format	Color
Hex	7EC0CE
RGB	126, 192, 206
RGB Percent	49%, 75%, 81%
CMY	0.5059, 0.2470, 0.1922
CMYK	0.39, 0.07, 0.00, 0.19
HSL	190°, 45%, 65%
HSV	190°, 39%, 81%
XYZ	38.5944, 46.5911, 65.3514
YIQ	173.8620, -43.8300, -9.6380

Conversions

Conversions Part 2

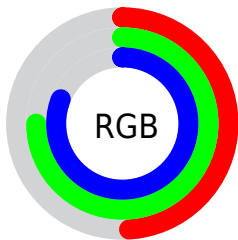
Format	Color
R _Y B	126, 162, 206
Decimal	8306894
CIE Lab	73.93, -17.37, -13.66
CIE LCh	74, 22.093, 218.185
Yxy	46.5911, 0.2564, 0.3095
Android (android.graphics.Color)	4286496974 (0xFF7EC0CE)
YUV	173.8620, 15.8440, -41.9750
Hunter-Lab	68.2577, -18.5231, -8.9852

Details

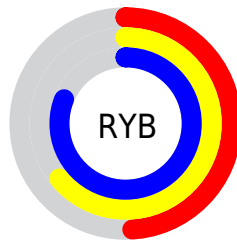
The XYZ color **38.5944, 46.5911, 65.3514** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.5984, 33.3851, 24.1495**, and the grayscale version is **40.0998, 42.1881, 45.9429**.

A 20% lighter version of the original color is **71.2171, 84.9164, 107.2447**, and **17.3545, 21.7835, 32.9957** is the 20% darker color. If you saturate the color by 10%, you get **35.0825, 43.6211, 64.9640**, and if you desaturate by 10%, it is **42.7540, 49.9260, 65.7767**.

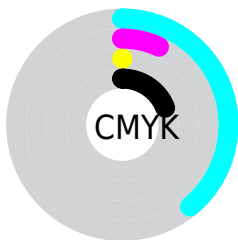
Distribution



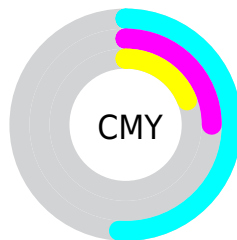
- Red (49%)
- Green (75%)
- Blue (81%)



- Red (49%)
- Yellow (64%)
- Blue (81%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (51%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5944, 46.5911, 65.3514 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 38.5944, 46.5911, 65.3514 by changing the saturation by 10% instead.

■ 38.5944, 46.5911,
65.3514

■ 38.5944, 46.5911,
65.3514

331.3999,
373.1800, 462.3944

■ 26.6236, 32.7125,
47.2929

■ 72.3163, 85.1029,
114.1730

■ 17.4259, 21.9063,
32.9113

■ 94.7982, 110.5050,
145.7732

■ 10.6358, 13.7881,
21.7879

■ 121.5145,
140.5170, 182.7245

■ 5.8880, 7.9734,
13.5043

152.8306,
175.5233, 225.4452

■ 2.8171, 4.0779,
7.6419

189.1119,
215.9084, 274.3540

■ 1.0578, 1.7173,
3.7822

230.7236,

■ 0.0000, 0.4348,

262.0566, 329.8695

1.5067

278.0311,
314.3523, 392.4101

■ 0.0000, 0.0000,
0.2229

■ 0.0000, 0.0000,
0.0000

■ 38.5944, 46.5911,
65.3514

■ 38.5944, 46.5911,
65.3514

■ 35.0825, 43.6211,
64.9640

■ 42.7540, 49.9260,
65.7767

■ 32.1751, 40.9902,
64.6095

■ 47.5926, 53.6387,
66.2383

■ 29.8308, 38.6780,
64.2867

■ 53.1443, 57.7483,
66.7389

■ 28.0004, 36.6589,
63.9935

■ 59.4399, 62.2708,
67.2800

■ 26.6264, 34.9030,
63.7270

■ 66.5083, 67.2212,
67.8630

■ 25.6161, 33.3623,
63.4828

■ 74.3767, 72.6138,
68.4892

■ 25.5071, 33.1890,
63.4551

■ 77.2544, 75.4636,
68.8875

■ 78.1950, 77.3449,
69.2011

■ 79.1561, 79.2670,
69.5215

Harmonies

Analogous

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



37.2035, 46.5911, 53.8802



38.5944, 46.5911, 65.3514



41.5288, 46.5911, 73.6431

Triad

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



38.5944, 46.5911, 65.3514



51.6917, 46.5911, 59.2226



43.2142, 46.5911, 32.1502

Complementary

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



38.5944, 46.5911, 65.3514



38.5984, 33.3851, 24.1495

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.



47.1573, 46.5911, 33.1430



38.5944, 46.5911, 65.3514



52.2090, 46.5911, 47.7046

Square

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



38.5944, 46.5911, 65.3514



49.1313, 46.5911, 69.7553



50.5058, 46.5911, 38.4700



39.7654, 46.5911, 35.5224

Rectangle

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



38.5944, 46.5911, 65.3514



44.0441, 46.5911, 75.6378



50.5058, 46.5911, 38.4700



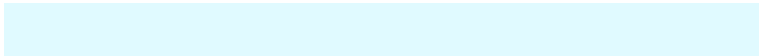
44.5237, 46.5911, 31.9955

Sweetspot

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



38.5958, 46.5929, 65.3525



82.9902, 91.2825, 107.8530



35.3612, 50.4531, 32.4299



17.5053, 19.3478, 23.0618



0.0000, 0.0000, 0.0000



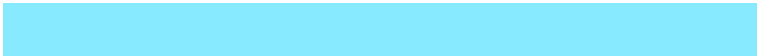
20.3446, 21.4041, 23.3091

Same Dimension

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



38.5958, 46.5929, 65.3525



57.4968, 71.2453, 105.3291



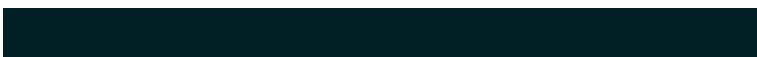
31.0827, 31.5666, 62.8481



11.3698, 12.3800, 14.3607



15.7698, 20.5635, 39.0943



0.8586, 1.1509, 2.0318

Inverse Universe

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



42.4301, 31.8505, 53.7826



64.7803, 44.5720, 83.0524



45.4075, 47.0033, 26.4192



11.6000, 11.3687, 13.6943



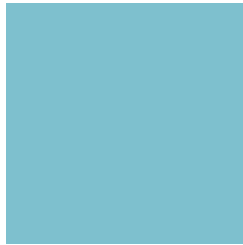
20.1708, 9.8789, 24.4156



1.0633, 0.5187, 1.3792

Previews

White Background



This preview shows how the XYZ color 38.5944, 46.5911, 65.3514 looks on a white background.

Color Contrast Check

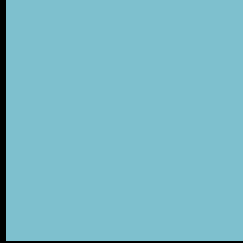
Large Text (above 18pt) WCAG AA × Fail

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 38.5944, 46.5911, 65.3514 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 38.5944, 46.5911, 65.3514

Background



This preview shows how black text looks on a background with the XYZ color 38.5944, 46.5911, 65.3514.



This preview shows how white text looks on a background with the XYZ color 38.5944, 46.5911,

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

38.5944, 46.5911, 65.3514

Protanopia

45.1047, 46.3034, 59.9863

Deuteranopia

47.0415, 45.9684, 66.7150



Tritanopia

38.7163, 46.6399, 65.9933

Trichromacy



Original Color

38.5944, 46.5911, 65.3514

Protanomaly

42.1803, 45.9716, 61.9086

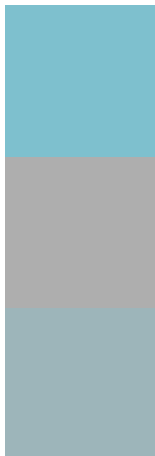
Deuteranomaly

43.4230, 45.9025, 66.2459

Tritanomaly

38.7163, 46.6399, 65.9933

Monochromacy



Original Color

38.5944, 46.5911, 65.3514

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.2914, 43.7610, 52.8302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5944, 46.5911, 65.3514 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(126, 192, 206)` looks like.

```
.text, #text, p{  
    color:rgb(126, 192, 206)  
}
```

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(126, 192, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 192, 206) }
```

Border

The CSS property to change the border of an element to XYZ 38.5944, 46.5911, 65.3514 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(126, 192, 206) }
```


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

```
.border{ border-color:rgb(126, 192, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 192, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 192, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 192, 206);  
box-shadow:4px 4px 4px 4px rgb(126, 192,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5944, 46.5911, 65.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 192, 206) }
```

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

```
.background{ background-color: rgb(126,  
192, 206) }
```

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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