

Converting Colors

XYZ(40.5005, 53.0615, 67.1388)

Have a look what the booklet for
XYZ(40.5005, 53.0615, 67.1388)
contains.

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Color

**XYZ(40.5005, 53.0615,
67.1388)**

Conversions

Conversions Part 1	
Format	Color
Hex	70D0CF
RGB	112, 208, 207
RGB Percent	44%, 82%, 81%
CMY	0.5608, 0.1843, 0.1882
CMYK	0.46, 0.00, 0.00, 0.18
HSL	179°, 51%, 63%
HSV	179°, 46%, 82%
XYZ	40.5005, 53.0615, 67.1388
YIQ	179.1820, -56.8950, -20.6630

Conversions

Conversions Part 2

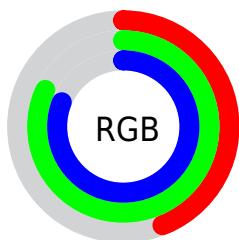
Format	Color
RYB	112, 160, 208
Decimal	7393487
CIELab	77.91, -28.54, -8.31
CIELCh	78, 29.726, 196.241
Yxy	53.0615, 0.2520, 0.3302
Android (android.graphics.Color)	4285583567 (0xFF70D0CF)
YUV	179.1820, 13.7143, -58.9186
Hunter-Lab	72.8433, -28.2308, -3.6565

Details

The XYZ color **40.5005, 53.0615, 67.1388** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.7891, 26.1922, 18.8468**, and the grayscale version is **42.8971, 45.1311, 49.1477**.

A 20% lighter version of the original color is **70.1722, 87.1750, 107.7357**, and **18.5572, 25.8124, 34.1412** is the 20% darker color. If you saturate the color by 10%, you get **38.1274, 51.8424, 66.8904**, and if you desaturate by 10%, it is **43.4881, 54.5998, 67.4185**.

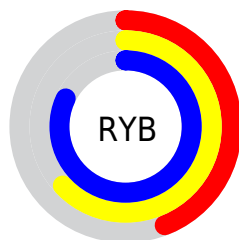
Distribution



Red (44%)

Green (82%)

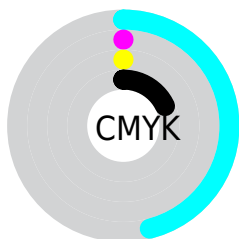
Blue (81%)



Red (44%)

Yellow (63%)

Blue (82%)

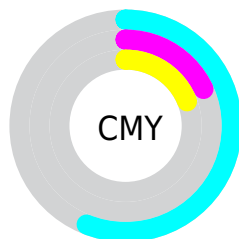


Cyan (46%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (56%)

Magenta (18%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5005, 53.0615, 67.1388 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 40.5005, 53.0615, 67.1388 by changing the saturation by 10% instead.


 40.5005, 53.0615,
67.1388


 40.5005, 53.0615,
67.1388


339.3270,
398.5210, 468.9536


 28.1149, 37.8519,
48.7351


 75.2046, 94.6949,
116.7618

 18.5532, 25.8677,
34.0453


 98.2538, 121.8874,
148.8182

 11.4500, 16.7247,
22.6508


 125.5882,
153.8430, 186.2626

 6.4399, 10.0384,
14.1330

157.5733,
190.9460, 229.5136

 3.1575, 5.4244,
8.0734

194.5744,
233.5810, 278.9896

 1.2376, 2.4984,
4.0535


236.9568,

 0.1358, 0.8758,


282.1322, 335.1093

1.6547


285.0859,
336.9841, 398.2911

 0.0000, 0.0000,
0.3294


 0.0000, 0.0000,
0.0000


 40.5005, 53.0615,
67.1388


 40.5005, 53.0615,
67.1388


 38.1274, 51.8424,
66.8904


 43.4881, 54.5998,
67.4185


 36.3214, 50.9145,
66.6676


 47.1240, 56.4711,
67.7275


 35.0358, 50.2548,
66.4694


 51.4453, 58.6958,
68.0688


 34.2146, 49.8345,
66.2930


 56.4848, 61.2907,
68.4438


 33.7873, 49.6172,
66.1353


 62.2734, 64.2717,
68.8542

 33.6769, 49.5615,
66.0772

 68.8399, 67.6538,
69.3011

 75.2461, 70.9532,
69.7407

 75.2730, 70.9639,
69.8820

 75.2998, 70.9747,
70.0234

Harmonies

Analogous

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



40.3930, 53.0615, 50.5323



40.5005, 53.0615, 67.1388



43.1326, 53.0615, 83.9389

Triad

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



40.5005, 53.0615, 67.1388



58.8912, 53.0615, 82.6954



53.1224, 53.0615, 32.0517

Complementary

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



40.5005, 53.0615, 67.1388



34.7891, 26.1922, 18.8468

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.



58.5147, 53.0615, 37.7056



40.5005, 53.0615, 67.1388



62.0132, 53.0615, 65.6785

Square

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



40.5005, 53.0615, 67.1388



53.6049, 53.0615, 94.0264



61.8704, 53.0615, 49.3249



47.3894, 53.0615, 32.2931

Rectangle

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



40.5005, 53.0615, 67.1388



46.0880, 53.0615, 92.0656



61.8704, 53.0615, 49.3249



55.0436, 53.0615, 33.2712

Sweetspot

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



40.5021, 53.0636, 67.1400



83.0538, 93.8227, 108.0257



32.3697, 49.8344, 23.2435



17.4258, 19.9011, 23.0952



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.



40.5021, 53.0636, 67.1400



60.6126, 82.2740, 106.0628



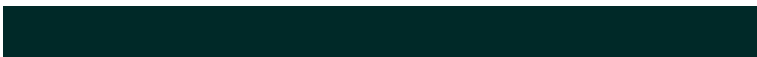
30.9190, 33.7007, 64.5520



12.1529, 13.4049, 15.1613



20.9910, 30.8893, 41.1942



1.1754, 1.7278, 2.3126

Inverse Universe

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



34.7891, 26.1922, 18.8468



50.5071, 34.7305, 20.6299



41.2342, 39.1722, 20.7183



11.8137, 11.8102, 12.2947



16.2220, 8.3616, 0.8094



0.9088, 0.4682, 0.0547

Previews

White Background



This preview shows how the XYZ color 40.5005, 53.0615, 67.1388 looks on a white background.

Color Contrast Check

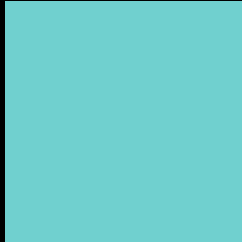
Large Text (above 18pt) WCAG AA × Fail

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 40.5005, 53.0615, 67.1388 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 40.5005, 53.0615, 67.1388

Background



This preview shows how black text looks on a background with the XYZ color 40.5005, 53.0615, 67.1388.

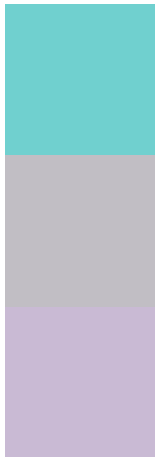


This preview shows how white text looks on a background with the XYZ color 40.5005, 53.0615,

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

40.5005, 53.0615, 67.1388

Protanopia

50.3696, 52.1499, 59.6357

Deuteranopia

53.5300, 52.2888, 69.5588



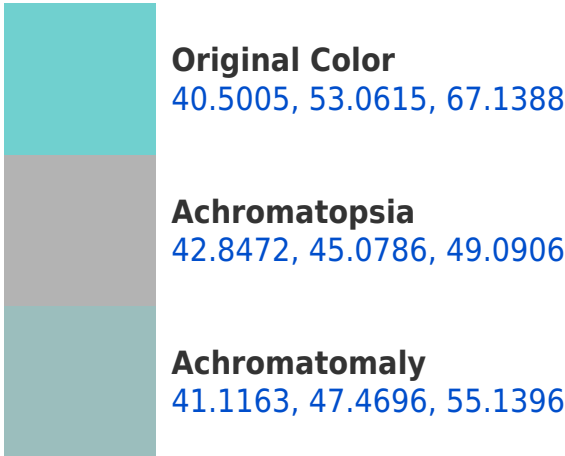
Tritanopia

42.5922, 53.1984, 77.1307

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5005, 53.0615, 67.1388 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(112, 208, 207)` looks like.

```
.text, #text, p{  
    color:rgb(112, 208, 207)  
}
```

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(112, 208, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 208, 207) }
```

Border

The CSS property to change the border of an element to XYZ 40.5005, 53.0615, 67.1388 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(112, 208, 207) }
```


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

```
.border{ border-color:rgb(112, 208, 207) }
```

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

Here you see how a box with a 4 pixel rgb(112, 208, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 208, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 208, 207);  
box-shadow:4px 4px 4px 4px rgb(112, 208,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5005, 53.0615, 67.1388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 208, 207) }
```

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

```
.background{ background-color: rgb(112,  
208, 207) }
```

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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