

Converting Colors

XYZ(40.7395, 53.5194, 68.5047)

Have a look what the booklet for
XYZ(40.7395, 53.5194, 68.5047)
contains.

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Color

**XYZ(40.7395, 53.5194,
68.5047)**

Conversions

Conversions Part 1

Format	Color
Hex	6ED1D1
RGB	110, 209, 209
RGB Percent	43%, 82%, 82%
CMY	0.5686, 0.1804, 0.1804
CMYK	0.47, 0.00, 0.00, 0.18
HSL	180°, 52%, 63%
HSV	180°, 47%, 82%
XYZ	40.7395, 53.5194, 68.5047
YIQ	179.3990, -59.0040, -20.9880

Conversions

Conversions Part 2

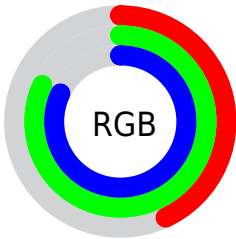
Format	Color
R _{YB}	110, 160, 209
Decimal	7262673
CIE Lab	78.18, -28.96, -9.00
CIE LCh	78, 30.327, 197.255
Yxy	53.5194, 0.2503, 0.3288
Android (android.graphics.Color)	4285452753 (0xFF6ED1D1)
YUV	179.3990, 14.5933, -60.8629
Hunter-Lab	73.1570, -28.6219, -4.3097

Details

The XYZ color **40.7395, 53.5194, 68.5047** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.6867, 25.8346, 17.9121**, and the grayscale version is **43.0091, 45.2489, 49.2761**.

A 20% lighter version of the original color is **69.9584, 87.0648, 107.7257**, and **18.6909, 26.1061, 35.0642** is the 20% darker color. If you saturate the color by 10%, you get **38.4399, 52.3352, 68.3980**, and if you desaturate by 10%, it is **43.6555, 55.0239, 68.6426**.

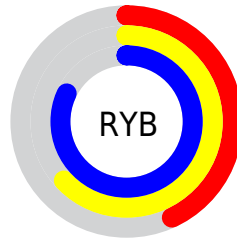
Distribution



Red (43%)

Green (82%)

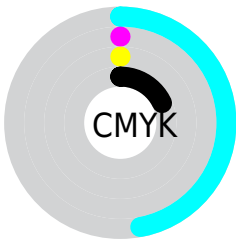
Blue (82%)



Red (43%)

Yellow (63%)

Blue (82%)

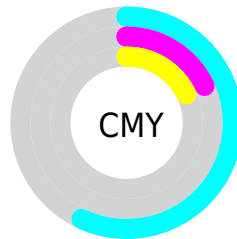


Cyan (47%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (57%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7395, 53.5194, 68.5047 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 40.7395, 53.5194, 68.5047 by changing the saturation by 10% instead.

40.7395, 53.5194,
68.5047

40.7395, 53.5194,
68.5047

340.3119,
400.2747, 473.9287

28.3024, 38.2176,
49.8392

75.5655, 95.3682,
118.7349

18.6953, 26.1516,
34.9154

98.6851, 122.6840,
151.1367

11.5530, 16.9371,
23.3146

126.0962,
154.7732, 188.9543

6.5101, 10.1896,
14.6185

158.1641,
192.0203, 232.6062

3.2013, 5.5249,
8.4085

195.2543,
234.8095, 282.5111

1.2611, 2.5584,
4.2659

237.7321,

0.1538, 0.9058,

283.5254, 339.0875

1.7723

285.9629,
338.5524, 402.7538

■ 0.0000, 0.0000,
0.4096

■ 0.0000, 0.0000,
0.0000

■ 40.7395, 53.5194,
68.5047

■ 40.7395, 53.5194,
68.5047

■ 38.4399, 52.3352,
68.3980

■ 43.6555, 55.0239,
68.6426

■ 36.7082, 51.4424,
68.3166


■ 47.2227, 56.8628,
68.8099


■ 35.4963, 50.8177,
68.2596


■ 51.4788, 59.0570,
69.0093


■ 34.7463, 50.4311,
68.2243

■ 56.4574, 61.6235,
69.2426


 34.3788, 50.2416,
68.2068


 62.1899, 64.5787,
69.5112

 34.3099, 50.2061,
68.2035

 68.7058, 67.9378,
69.8164

 75.5505, 71.4664,
70.1370

 75.5506, 71.4664,
70.1373

 75.5506, 71.4664,
70.1376

Harmonies

Analogous

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



40.5396, 53.5194, 51.3632



40.7395, 53.5194, 68.5047



43.5164, 53.5194, 85.6900

Triad

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



40.7395, 53.5194, 68.5047



59.7086, 53.5194, 83.3622



53.4254, 53.5194, 31.8768

Complementary

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



40.7395, 53.5194, 68.5047



34.6867, 25.8346, 17.9121

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.



59.0055, 53.5194, 37.4343



40.7395, 53.5194, 68.5047



62.8180, 53.5194, 65.7774

Square

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



40.7395, 53.5194, 68.5047



54.3257, 53.5194, 95.3460



62.5511, 53.5194, 49.1154



47.5613, 53.5194, 32.3236

Rectangle

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



40.7395, 53.5194, 68.5047



46.5869, 53.5194, 93.8685



62.5511, 53.5194, 49.1154



55.4049, 53.5194, 33.0511

Sweetspot

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



40.7411, 53.5215, 68.5060



83.1136, 93.8466, 108.3408



32.2542, 50.1507, 22.7332



17.4406, 19.9070, 23.1730



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.



40.7411, 53.5215, 68.5060



60.1964, 82.0324, 107.2663



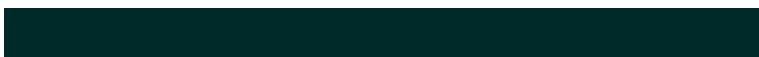
30.7118, 33.4625, 65.1641



12.1584, 13.4071, 15.1906



21.1536, 30.9544, 42.0506



1.1828, 1.7308, 2.3512

Inverse Universe

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



34.6867, 25.8346, 17.9121



49.5739, 33.4547, 18.4976



41.3122, 39.0856, 20.1200



11.8088, 11.8083, 12.2689



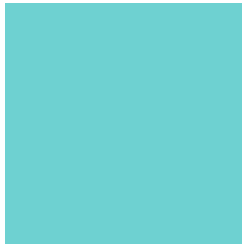
16.2124, 8.3578, 0.7588



0.9065, 0.4673, 0.0424

Previews

White Background



This preview shows how the XYZ color 40.7395, 53.5194, 68.5047 looks on a white background.

Color Contrast Check

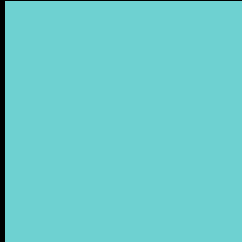
Large Text (above 18pt) WCAG AA × Fail

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 40.7395, 53.5194, 68.5047 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

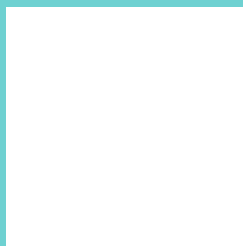
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7395, 53.5194, 68.5047

Background



This preview shows how black text looks on a background with the XYZ color 40.7395, 53.5194, 68.5047.

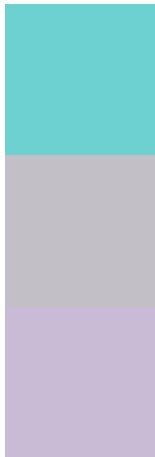


This preview shows how white text looks on a background with the XYZ color 40.7395, 53.5194,

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

40.7395, 53.5194, 68.5047

Protanopia

51.0720, 52.8082, 60.9273

Deuteranopia

53.9953, 52.8132, 70.9664



Tritanopia

42.7023, 53.5982, 77.9069

Trichromacy



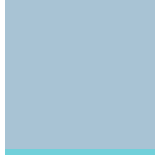
Original Color

40.7395, 53.5194, 68.5047



Protanomaly

45.9590, 52.4390, 63.5765



Deuteranomaly

47.5472, 52.1085, 69.8393



Tritanomaly

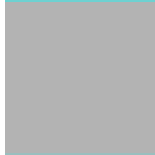
42.0208, 53.6844, 74.4771

Monochromacy



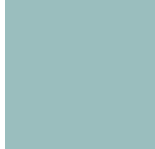
Original Color

40.7395, 53.5194, 68.5047



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

41.0341, 47.4146, 55.7044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7395, 53.5194, 68.5047 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(110, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(110, 209, 209)  
}
```

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(110, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 209, 209) }
```

Border

The CSS property to change the border of an element to XYZ 40.7395, 53.5194, 68.5047 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(110, 209, 209) }
```


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

```
.border{ border-color:rgb(110, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(110, 209,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7395, 53.5194, 68.5047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 209, 209) }
```

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

```
.background{ background-color: rgb(110,  
209, 209) }
```

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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