

Converting Colors

XYZ(42.5567, 52.8223, 61.1396)

Have a look what the booklet for
XYZ(42.5567, 52.8223, 61.1396)
contains.

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Color

**XYZ(42.6011, 52.8384,
61.3796)**

Conversions

Conversions Part 1

Format	Color
Hex	8CCCC6
RGB	140, 204, 198
RGB Percent	55%, 80%, 78%
CMY	0.4510, 0.2000, 0.2235
CMYK	0.31, 0.00, 0.03, 0.20
HSL	174°, 39%, 67%
HSV	174°, 31%, 80%
XYZ	42.6011, 52.8384, 61.3796
YIQ	184.1800, -36.2180, -15.4340

Conversions

Conversions Part 2

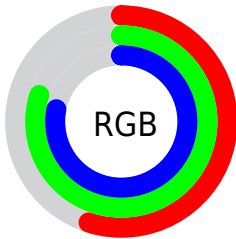
Format	Color
RYB	140, 174, 204
Decimal	9227462
CIELab	77.78, -21.58, -3.53
CIELCh	78, 21.862, 189.284
Yxy	52.8384, 0.2717, 0.3369
Android (android.graphics.Color)	4287417542 (0xFF8CCCC6)
YUV	184.1800, 6.8133, -38.7459
Hunter-Lab	72.6900, -22.5949, 0.8184

Details

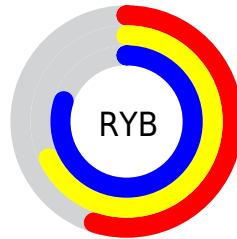
The XYZ color **42.6011, 52.8384, 61.3796** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.4700, 33.6703, 31.6148**, and the grayscale version is **45.6385, 48.0152, 52.2886**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **19.8709, 25.8525, 30.3283** is the 20% darker color. If you saturate the color by 10%, you get **39.2583, 51.1418, 60.0794**, and if you desaturate by 10%, it is **46.5870, 54.8689, 62.7267**.

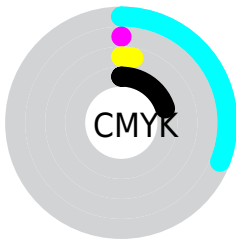
Distribution



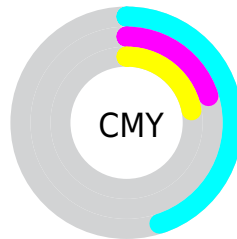
- Red (55%)
- Green (80%)
- Blue (78%)



- Red (55%)
- Yellow (68%)
- Blue (80%)



- Cyan (31%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (45%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6011, 52.8384, 61.3796 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 42.6011, 52.8384, 61.3796 by changing the saturation by 10% instead.

■ 42.6011, 52.8384,
61.3796

■ 42.6011, 52.8384,
61.3796

347.9181,
397.6648, 447.6095

■ 29.7654, 37.6738,
44.0990

■ 78.3680, 94.3665,
108.3913

■ 19.8078, 25.7296,
30.4106

■ 102.0300,
121.4988, 138.9594

■ 12.3629, 16.6215,
19.8958

■ 130.0314,
153.3892, 174.7939

■ 7.0653, 9.9650,
12.1360

162.7377,
190.4219, 216.3132

■ 3.5496, 5.3757,
6.7127

200.5141,
232.9814, 263.9359

■ 1.4506, 2.4694,
3.2074

243.7261,

■ 0.2919, 0.8612,

281.4522, 318.0804

1.2015

292.7390,
336.2185, 379.1655

■ 0.0000, 0.0000,
0.0000

■ 42.6011, 52.8384,
61.3796

■ 42.6011, 52.8384,
61.3796

■ 39.2583, 51.1418,
60.0794

■ 46.5870, 54.8689,
62.7267

■ 36.5187, 49.7545,
58.8208

■ 51.2440, 57.2437,
64.1187

■ 34.3452, 48.6587,
57.6032

■ 56.6040, 59.9806,
65.5582

■ 32.6945, 47.8321,
56.4244

■ 62.6955, 63.0942,
67.0467

■ 31.5172, 47.2493,
55.2822

■ 69.5453, 66.5984,
68.5854

■ 30.7544, 46.8798,
54.1736

■ 74.4021, 69.0749,
70.0457

■ 30.3372, 46.6849,
53.2399

■ 74.6412, 69.1705,
71.3048

■ 74.8831, 69.2673,
72.5788

■ 75.1279, 69.3652,
73.8680

Harmonies

Analogous

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



42.9787, 52.8384, 49.6654



42.6011, 52.8384, 61.3796



44.1745, 52.8384, 73.6091

Triad

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



42.6011, 52.8384, 61.3796



55.5594, 52.8384, 77.5515



53.1593, 52.8384, 38.3482

Complementary

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



42.6011, 52.8384, 61.3796



39.4700, 33.6703, 31.6148

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.



56.7962, 52.8384, 43.9849



42.6011, 52.8384, 61.3796



58.2351, 52.8384, 66.1883

Square

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



42.6011, 52.8384, 61.3796



51.5474, 52.8384, 83.7732



58.7000, 52.8384, 53.8487



48.9182, 52.8384, 37.4374

Rectangle

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



42.6011, 52.8384, 61.3796



46.1731, 52.8384, 80.0174



58.7000, 52.8384, 53.8487



54.4995, 52.8384, 39.7109

Sweetspot

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



42.6026, 52.8405, 61.3808



86.7603, 95.7663, 106.7133



38.2534, 51.2291, 32.6839



18.3033, 20.3617, 22.7667



0.0000, 0.0000, 0.0000



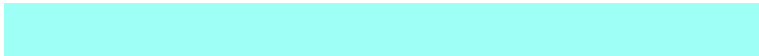
20.3446, 21.4041, 23.3091

Same Dimension

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



42.6026, 52.8405, 61.3808



66.5013, 85.4477, 100.1062



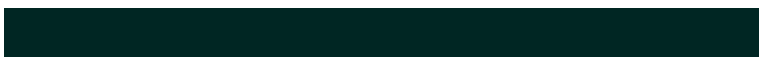
37.7159, 41.9370, 63.2360



11.4961, 12.7082, 14.1701



19.1124, 29.3902, 33.6063



0.9995, 1.5216, 1.8050

Inverse Universe

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



39.4700, 33.6703, 31.6148



60.4764, 48.5448, 42.8330



43.2009, 41.8598, 30.6147



11.2543, 11.2305, 11.8740



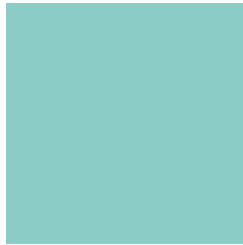
15.7637, 8.1161, 1.2083



0.8282, 0.4247, 0.1413

Previews

White Background



This preview shows how the XYZ color 42.6011, 52.8384, 61.3796 looks on a white background.

Color Contrast Check

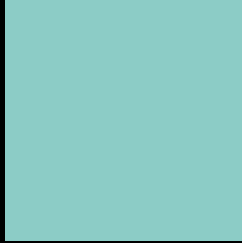
Large Text (above 18pt) WCAG AA × Fail

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 42.6011, 52.8384, 61.3796 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

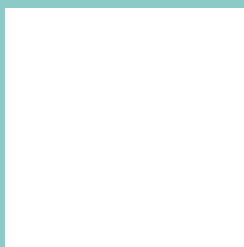
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6011, 52.8384, 61.3796

Background



This preview shows how black text looks on a background with the XYZ color 42.6011, 52.8384, 61.3796.



This preview shows how white text looks on a background with the XYZ color 42.6011, 52.8384,

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

42.6011, 52.8384, 61.3796

Protanopia

50.4307, 52.5814, 56.2064

Deuteranopia

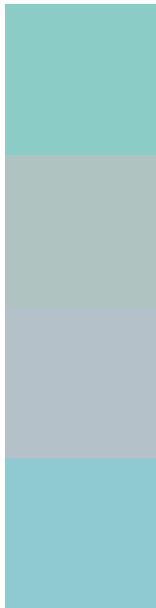
53.3964, 52.3612, 63.1695



Tritanopia

44.9126, 52.7123, 73.4530

Trichromacy



Original Color

42.6011, 52.8384, 61.3796

Protanomaly

47.0448, 52.4441, 58.0953

Deuteranomaly

48.6686, 52.1807, 62.7651

Tritanomaly

44.0811, 52.7338, 68.8281

Monochromacy



Original Color

42.6011, 52.8384, 61.3796

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.9646, 49.2606, 55.3352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6011, 52.8384, 61.3796 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(140, 204, 198)` looks like.

```
.text, #text, p{  
    color:rgb(140, 204, 198)  
}
```

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(140, 204, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 204, 198) }
```

Border

The CSS property to change the border of an element to XYZ 42.6011, 52.8384, 61.3796 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(140, 204, 198) }
```


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

```
.border{ border-color:rgb(140, 204, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 204, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 204, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 204, 198);  
box-shadow:4px 4px 4px 4px rgb(140, 204,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6011, 52.8384, 61.3796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 204, 198) }
```

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

```
.background{ background-color: rgb(140,  
204, 198) }
```

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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