

Converting Colors

XYZ(31.7598, 44.0357, 51.0818)

Have a look what the booklet for
XYZ(31.7598, 44.0357, 51.0818)
contains.

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Color

**XYZ(31.7598, 44.0357,
51.0818)**

Conversions

Conversions Part 1

Format	Color
Hex	58C2B6
RGB	88, 194, 182
RGB Percent	35%, 76%, 71%
CMY	0.6549, 0.2392, 0.2863
CMYK	0.55, 0.00, 0.06, 0.24
HSL	173°, 46%, 55%
HSV	173°, 55%, 76%
XYZ	31.7598, 44.0357, 51.0818
YIQ	160.9380, -59.3240, -26.2040

Conversions

Conversions Part 2

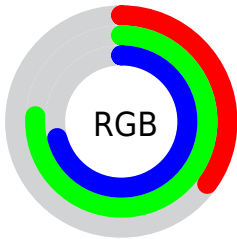
Format	Color
R_{YB}	88, 144, 194
Decimal	5817014
CIE _{Lab}	72.25, -33.44, -3.25
CIE _{LCh}	72, 33.592, 185.545
Yxy	44.0357, 0.2503, 0.3471
Android (android.graphics.Color)	4284007094 (0xFF58C2B6)
YUV	160.9380, 10.3836, -63.9666
Hunter-Lab	66.3594, -30.6983, 0.8116

Details

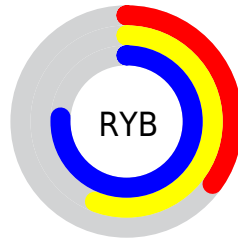
The XYZ color **31.7598, 44.0357, 51.0818** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **28.0396, 19.3702, 14.3191**, and the grayscale version is **33.8217, 35.5831, 38.7500**.

A 20% lighter version of the original color is **61.7839, 81.2784, 93.3209**, and **13.4922, 20.4193, 23.9991** is the 20% darker color. If you saturate the color by 10%, you get **29.9371, 43.1231, 49.8216**, and if you desaturate by 10%, it is **34.0772, 45.2050, 52.3857**.

Distribution



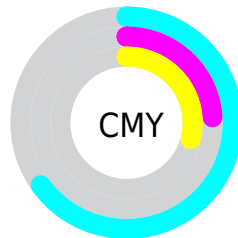
- Red (35%)
- Green (76%)
- Blue (71%)



- Red (35%)
- Yellow (56%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



- Cyan (65%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7598, 44.0357, 51.0818 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 31.7598, 44.0357, 51.0818 by changing the saturation by 10% instead.

■ 31.7598, 44.0357,
51.0818

■ 31.7598, 44.0357,
51.0818

301.7884,
362.8539, 407.7371

■ 21.3328, 30.6986,
35.8965

■ 61.8021, 81.2715,
93.1884

■ 13.4813, 20.3694,
24.0652

■ 82.1480, 105.9389,
120.9468

■ 7.8401, 12.6639,
15.1694

■ 106.5310,
135.1519, 153.7334

■ 4.0437, 7.1975,
8.7904

■ 135.3163,
169.2948, 191.9666

■ 1.7269, 3.5859,
4.5098

168.8694,
208.7521, 236.0651

■ 0.4730, 1.4447,
1.9090

207.5555,

■ 0.0000, 0.2493,

253.9081, 286.4473

0.4984

251.7400,
305.1473, 343.5318

■ 0.0000, 0.0000,
0.0000

■ 31.7598, 44.0357,
51.0818

■ 31.7598, 44.0357,
51.0818

■ 29.9371, 43.1231,
49.8216

■ 34.0772, 45.2050,
52.3857

■ 28.5656, 42.4417,
48.6000

■ 36.9209, 46.6441,
53.7319

■ 27.6006, 41.9694,
47.4159

■ 40.3241, 48.3713,
55.1231

■ 26.9864, 41.6776,
46.2666

■ 44.3165, 50.4017,
56.5607

■ 26.7425, 41.5650,
45.6618

■ 48.9255, 52.7496,
58.0461

■ 54.1767, 55.4282,
59.5805

■ 60.0945, 58.4500,
61.1652

■ 66.7018, 61.8268,
62.8014

■ 71.1661, 64.0985,
64.3565

Harmonies

Analogous

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



32.5507, 44.0357, 35.9659



31.7598, 44.0357, 51.0818



33.4652, 44.0357, 68.8793

Triad

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



31.7598, 44.0357, 51.0818



48.6373, 44.0357, 78.7055



46.6148, 44.0357, 24.4604

Complementary

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



31.7598, 44.0357, 51.0818



28.0396, 19.3702, 14.3191

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.



51.5405, 44.0357, 31.7542



31.7598, 44.0357, 51.0818



52.7813, 44.0357, 62.3319

Square

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



31.7598, 44.0357, 51.0818



42.9352, 44.0357, 87.0090



53.8895, 44.0357, 44.9439



40.7923, 44.0357, 22.7765

Rectangle

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



31.7598, 44.0357, 51.0818



35.8895, 44.0357, 79.1886



53.8895, 44.0357, 44.9439



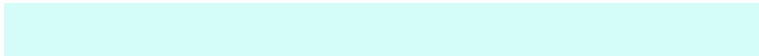
48.4466, 44.0357, 26.2398

Sweetspot

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



31.7611, 44.0374, 51.0828



79.0441, 90.6791, 102.0433



26.3508, 42.0202, 15.9554



16.9654, 19.6825, 22.2257



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.



31.7611, 44.0374, 51.0828



53.5659, 77.7910, 89.7213



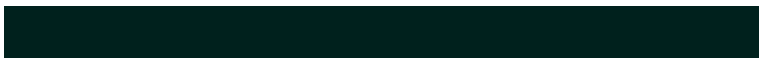
25.2148, 28.8740, 55.2851



10.3178, 11.4082, 12.6770



17.6009, 27.3344, 30.1211



0.7747, 1.1867, 1.3765

Inverse Universe

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



28.0396, 19.3702, 14.3191



46.1568, 28.4222, 16.3368



31.8132, 27.7795, 12.9187



10.1185, 10.0960, 10.7148



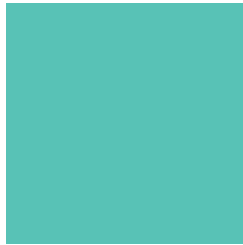
14.7382, 7.5850, 1.2677



0.6526, 0.3340, 0.1379

Previews

White Background



This preview shows how the XYZ color 31.7598, 44.0357, 51.0818 looks on a white background.

Color Contrast Check

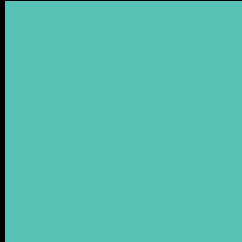
Large Text (above 18pt) WCAG AA × Fail

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 31.7598, 44.0357, 51.0818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

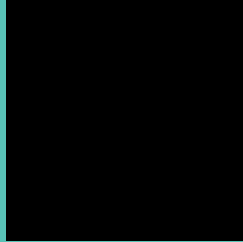
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.7598, 44.0357, 51.0818

Background



This preview shows how black text looks on a background with the XYZ color 31.7598, 44.0357, 51.0818.

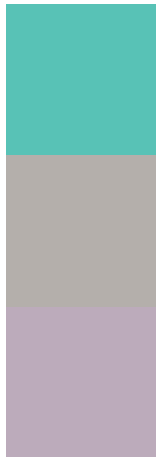


This preview shows how white text looks on a background with the XYZ color 31.7598, 44.0357,

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

31.7598, 44.0357, 51.0818

Protanopia

41.5030, 43.3035, 44.6990

Deuteranopia

44.2716, 43.4050, 53.0584



Tritanopia

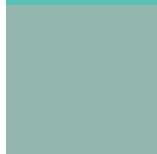
34.4838, 43.8245, 65.0340

Trichromacy



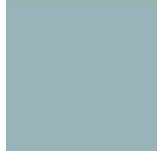
Original Color

31.7598, 44.0357, 51.0818



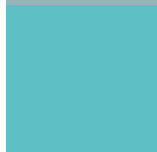
Protanomaly

36.4984, 42.7541, 46.8861



Deuteranomaly

37.8260, 42.4184, 52.0929



Tritanomaly

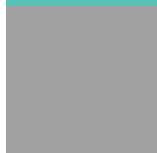
33.3249, 43.6725, 59.4966

Monochromacy



Original Color

31.7598, 44.0357, 51.0818



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

31.9365, 37.8200, 43.1529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7598, 44.0357, 51.0818 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(88, 194, 182)` looks like.

```
.text, #text, p{  
    color:rgb(88, 194, 182)  
}
```

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(88, 194, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 194, 182) }
```

Border

The CSS property to change the border of an element to XYZ 31.7598, 44.0357, 51.0818 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(88, 194, 182) }
```


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

```
.border{ border-color:rgb(88, 194, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 194, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 194, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 194, 182);  
box-shadow:4px 4px 4px 4px rgb(88, 194,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7598, 44.0357, 51.0818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 194, 182) }
```

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

```
.background{ background-color: rgb(88, 194,  
182) }
```

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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