

Converting Colors

XYZ(31.0808, 42.7631, 48.2109)

Have a look what the booklet for
XYZ(31.0808, 42.7631, 48.2109)
contains.

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Color

**XYZ(31.0808, 42.7631,
48.2109)**

Conversions

Conversions Part 1

Format	Color
Hex	5DBFB1
RGB	93, 191, 177
RGB Percent	36%, 75%, 69%
CMY	0.6353, 0.2510, 0.3059
CMYK	0.51, 0.00, 0.07, 0.25
HSL	171°, 43%, 56%
HSV	171°, 51%, 75%
XYZ	31.0808, 42.7631, 48.2109
YIQ	160.1020, -53.9140, -25.1300

Conversions

Conversions Part 2

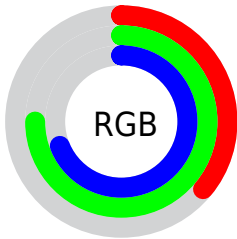
Format	Color
RYB	93, 146, 191
Decimal	6143921
CIELab	71.39, -32.23, -1.76
CIELCh	71, 32.273, 183.123
Yxy	42.7631, 0.2546, 0.3504
Android (android.graphics.Color)	4284334001 (0xFF5DBFB1)
YUV	160.1020, 8.3307, -58.8485
Hunter-Lab	65.3935, -29.5996, 2.0643

Details

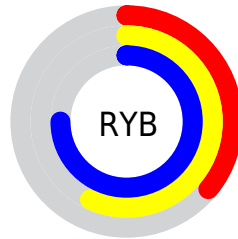
The XYZ color **31.0808, 42.7631, 48.2109** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.0555, 19.9678, 16.2869**, and the grayscale version is **33.4423, 35.1839, 38.3153**.

A 20% lighter version of the original color is **60.8531, 79.5020, 89.2289**, and **13.1262, 19.6189, 22.4970** is the 20% darker color. If you saturate the color by 10%, you get **29.1147, 41.7817, 46.7139**, and if you desaturate by 10%, it is **33.5376, 43.9989, 49.7612**.

Distribution



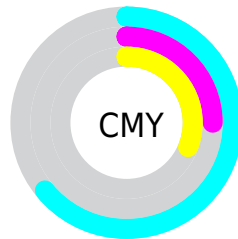
- Red (36%)
- Green (75%)
- Blue (69%)



- Red (36%)
- Yellow (57%)
- Blue (75%)



- Cyan (51%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (64%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0808, 42.7631, 48.2109 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 31.0808, 42.7631, 48.2109 by changing the saturation by 10% instead.

■ 31.0808, 42.7631,
48.2109

■ 31.0808, 42.7631,
48.2109

298.7306,
357.6366, 396.1603

■ 20.8125, 29.6993,
33.6328

■ 60.7422, 79.3532,
88.8871

■ 13.0987, 19.6104,
22.3365

■ 80.8661, 103.6484,
115.8223

■ 7.5740, 12.1122,
13.9037

■ 105.0059,
132.4560, 147.7136

■ 3.8731, 6.8201,
7.9157

■ 133.5269,
166.1607, 184.9795

■ 1.6306, 3.3499,
3.9541

166.7945,
205.1467, 228.0386

■ 0.4122, 1.3170,
1.6002

205.1741,

■ 0.0000, 0.1543,

249.7984, 277.3094

0.2910

249.0310,
300.5002, 333.2104

■ 0.0000, 0.0000,
0.0000

■ 31.0808, 42.7631,
48.2109

■ 31.0808, 42.7631,
48.2109

■ 29.1147, 41.7817,
46.7139

■ 33.5376, 43.9989,
49.7612

■ 27.5989, 41.0308,
45.2653

■ 36.5143, 45.5011,
51.3634

■ 26.4927, 40.4904,
43.8639

■ 40.0422, 47.2868,
53.0201

■ 25.7464, 40.1349,
42.5072

■ 44.1489, 49.3702,
54.7328

■ 25.3065, 39.9330,
41.3604

■ 48.8604, 51.7647,
56.5028

■ 54.2008, 54.4829,
58.3315

■ 60.1931, 57.5364,
60.2200

■ 66.8591, 60.9367,
62.1696

■ 70.4805, 62.7666,
64.0063

Harmonies

Analogous

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



32.0208, 42.7631, 34.3038



31.0808, 42.7631, 48.2109



32.5087, 42.7631, 64.8985

Triad

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



31.0808, 42.7631, 48.2109



46.6250, 42.7631, 76.3818



45.5530, 42.7631, 24.6488

Complementary

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



31.0808, 42.7631, 48.2109



28.0555, 19.9678, 16.2869

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.



50.0369, 42.7631, 32.0519



31.0808, 42.7631, 48.2109



50.6935, 42.7631, 61.4390

Square

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



31.0808, 42.7631, 48.2109



41.2169, 42.7631, 83.2803



51.9940, 42.7631, 44.9506



40.0785, 42.7631, 22.6213

Rectangle

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



31.0808, 42.7631, 48.2109



34.6928, 42.7631, 74.8290



51.9940, 42.7631, 44.9506



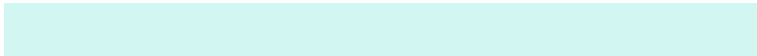
47.2419, 42.7631, 26.4954

Sweetspot

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



31.0820, 42.7648, 48.2119



76.0511, 86.8875, 96.8055



26.7558, 41.2230, 16.9034



16.3555, 18.9049, 21.1139



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.0820, 42.7648, 48.2119



51.6338, 74.5753, 83.2214



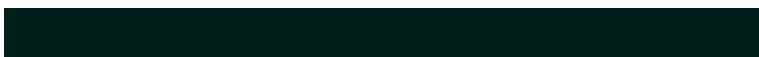
25.9258, 30.1028, 53.7361



9.7484, 10.7855, 11.9244



16.6532, 26.2515, 27.3001



0.6686, 1.0348, 1.1552

Inverse Universe

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



28.0555, 19.9678, 16.2869



45.6302, 29.1007, 19.7059



31.0913, 27.1244, 13.9536



9.5842, 9.5580, 10.1995



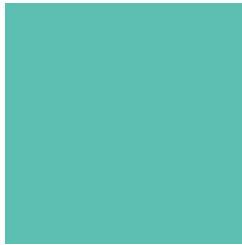
14.2708, 7.3395, 1.4537



0.5771, 0.2947, 0.1520

Previews

White Background



This preview shows how the XYZ color 31.0808, 42.7631, 48.2109 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 31.0808, 42.7631, 48.2109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

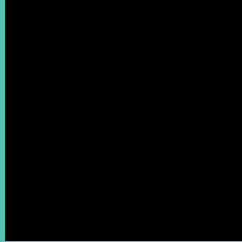
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.0808, 42.7631, 48.2109

Background



This preview shows how black text looks on a background with the XYZ color 31.0808, 42.7631, 48.2109.

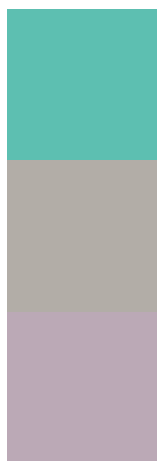


This preview shows how white text looks on a background with the XYZ color 31.0808, 42.7631,

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

31.0808, 42.7631, 48.2109

Protanopia

40.2787, 42.1421, 42.5705

Deuteranopia

43.1250, 42.3181, 50.1513



Tritanopia

33.7978, 42.5716, 62.3129

Trichromacy



Original Color

31.0808, 42.7631, 48.2109

Protanomaly

35.7046, 41.7858, 44.7117

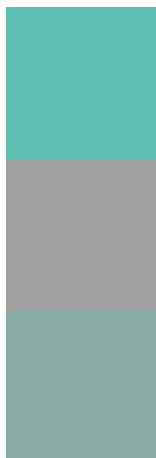
Deuteranomaly

37.0972, 41.5119, 49.2374

Tritanomaly

32.6459, 42.4134, 56.9181

Monochromacy



Original Color

31.0808, 42.7631, 48.2109

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

31.5992, 37.1132, 41.5745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0808, 42.7631, 48.2109 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(93, 191, 177)` looks like.

```
.text, #text, p{  
    color:rgb(93, 191, 177)  
}
```

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(93, 191, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 191, 177) }
```

Border

The CSS property to change the border of an element to XYZ 31.0808, 42.7631, 48.2109 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(93, 191, 177) }
```


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

```
.border{ border-color:rgb(93, 191, 177) }
```

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

Here you see how a box with a 4 pixel rgb(93, 191, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 191, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 191, 177);  
box-shadow:4px 4px 4px 4px rgb(93, 191,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0808, 42.7631, 48.2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 191, 177) }
```

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

```
.background{ background-color: rgb(93, 191,  
177) }
```

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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