

Converting Colors

XYZ(30.5595, 31.5740, 21.7061)

Have a look what the booklet for
XYZ(30.5595, 31.5740, 21.7061)
contains.

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Color

**XYZ(30.5385, 31.5557,
21.6208)**

Conversions

Conversions Part 1

Format	Color
Hex	A99676
RGB	169, 150, 118
RGB Percent	66%, 59%, 46%
CMY	0.3373, 0.4117, 0.5373
CMYK	0.00, 0.11, 0.30, 0.34
HSL	38°, 23%, 56%
HSV	38°, 30%, 66%
XYZ	30.5385, 31.5557, 21.6208
YIQ	152.0330, 21.5960, -5.9240

Conversions

Conversions Part 2

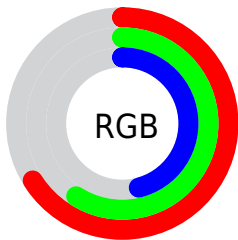
Format	Color
RYB	148, 169, 118
Decimal	11114102
CIELab	62.97, 2.05, 19.48
CIELCh	63, 19.589, 83.986
Yxy	31.5557, 0.3648, 0.3769
Android (android.graphics.Color)	4289304182 (0xFFA99676)
YUV	152.0330, -16.7783, 14.8801
Hunter-Lab	56.1745, -1.2661, 16.5022

Details

The XYZ color **30.5385, 31.5557, 21.6208** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.5780, 24.6066, 41.0430**, and the grayscale version is **29.9235, 31.4819, 34.2838**.

A 20% lighter version of the original color is **59.8999, 62.0956, 46.8588**, and **12.7385, 13.0664, 7.4809** is the 20% darker color. If you saturate the color by 10%, you get **28.6454, 29.2353, 16.4711**, and if you desaturate by 10%, it is **32.6671, 34.0590, 27.7375**.

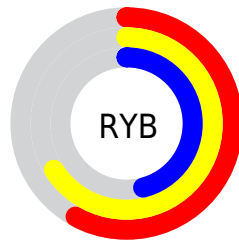
Distribution



Red (66%)

Green (59%)

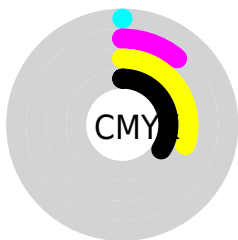
Blue (46%)



Red (58%)

Yellow (66%)

Blue (46%)

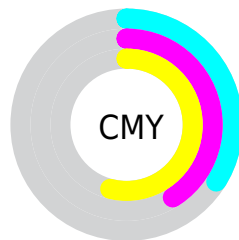


Cyan (0%)

Magenta (11%)

Yellow (30%)

Black (34%)



Cyan (34%)

Magenta (41%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5385, 31.5557, 21.6208 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 30.5385, 31.5557, 21.6208 by changing the saturation by 10% instead.

■ 30.5385, 31.5557,
21.6208

■ 30.5385, 31.5557,
21.6208

296.2715,
309.0903, 273.4482

■ 20.3978, 21.0224,
13.3829

■ 59.8935, 62.1139,
47.0126

■ 12.7945, 13.1404,
7.5589

■ 79.8386, 82.9076,
65.0035

■ 7.3632, 7.5253,
3.7303

■ 103.7825,
107.8902, 87.0826

■ 3.7386, 3.7927,
1.4786

132.0905,
137.4460, 113.6683

■ 1.5553, 1.5583,
0.2019

165.1281,
171.9596, 145.1791

■ 0.3630, 0.3292,
0.0000

203.2605,

■ 0.0000, 0.0000,

211.8152, 182.0337

0.0000

246.8532,
257.3973, 224.6505

■ 30.5385, 31.5557,
21.6208

■ 30.5385, 31.5557,
21.6208

■ 28.6454, 29.2353,
16.4711

■ 32.6671, 34.0590,
27.7375

■ 26.9751, 27.0878,
12.2356

■ 35.0386, 36.7459,
34.8664

■ 25.5168, 25.1088,
8.8593


■ 37.6628, 39.6229,
43.0521

■ 24.2581, 23.2918,
6.2804


■ 40.5485, 42.6946,
52.3361


■ 23.1849, 21.6298,
4.4289


■ 43.7036, 45.9656,
62.7576


 22.2805, 20.1147,
3.2223

 47.1360, 49.4402,
74.3536

 21.5216, 18.7539,
2.4855

 50.8532, 53.1224,
87.1599

 54.8622, 57.0164,
101.2103

 56.6421, 60.1148,
103.2257

Harmonies

Analogous

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



33.1414, 31.5557, 23.7057



30.5385, 31.5557, 21.6208



27.9367, 31.5557, 22.5132

Triad

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



30.5385, 31.5557, 21.6208



25.5064, 31.5557, 40.7464



34.3789, 31.5557, 43.8362

Complementary

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



30.5385, 31.5557, 21.6208



23.5780, 24.6066, 41.0430

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.



32.1472, 31.5557, 49.7659



30.5385, 31.5557, 21.6208



27.0501, 31.5557, 47.8034

Square

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



30.5385, 31.5557, 21.6208



25.1325, 31.5557, 32.8285



29.4535, 31.5557, 51.3166



35.4424, 31.5557, 35.9359

Rectangle

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



30.5385, 31.5557, 21.6208



26.5386, 31.5557, 24.7556



29.4535, 31.5557, 51.3166



33.7343, 31.5557, 46.1708

Sweetspot

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



30.5393, 31.5571, 21.6215



63.2087, 66.3176, 63.8453



27.3957, 23.2142, 26.9114



13.6398, 14.3019, 13.4953



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.5393, 31.5571, 21.6215



52.4539, 53.7916, 32.5654



32.5726, 37.4758, 22.6567



7.9085, 8.2971, 7.9739



16.0925, 14.0822, 1.8700



0.4381, 0.4358, 0.0610

Inverse Universe

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



23.5780, 24.6066, 41.0430



38.0297, 39.3951, 72.8247



21.9451, 20.1032, 40.2598



7.3522, 7.7412, 9.5251



6.7078, 4.8757, 28.5631



0.2123, 0.2169, 0.7113

Previews

White Background



This preview shows how the XYZ color 30.5385, 31.5557, 21.6208 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 30.5385, 31.5557, 21.6208 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 30.5385, 31.5557, 21.6208

Background



This preview shows how black text looks on a background with the XYZ color 30.5385, 31.5557, 21.6208.



This preview shows how white text looks on a background with the XYZ color 30.5385, 31.5557,

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

30.5385, 31.5557, 21.6208

Protanopia

29.4583, 31.4698, 21.9744

Deuteranopia

32.1991, 31.4734, 21.8307



Tritanopia

33.3597, 31.5353, 35.7812

Trichromacy



Original Color

30.5385, 31.5557, 21.6208

Protanomaly

29.9134, 31.4645, 21.9494

Deuteranomaly

31.4427, 31.3133, 21.8396

Tritanomaly

32.3295, 31.5911, 29.9849

Monochromacy



Original Color

30.5385, 31.5557, 21.6208

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.9008, 31.2958, 29.2757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5385, 31.5557, 21.6208 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(169, 150, 118)` looks like.

```
.text, #text, p{  
    color:rgb(169, 150, 118)  
}
```

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(169, 150, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 150, 118) }
```

Border

The CSS property to change the border of an element to XYZ 30.5385, 31.5557, 21.6208 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(169, 150, 118) }
```


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

```
.border{ border-color:rgb(169, 150, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 150, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 150, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 150, 118);  
box-shadow:4px 4px 4px 4px rgb(169, 150,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5385, 31.5557, 21.6208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 150, 118) }
```

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

```
.background{ background-color: rgb(169,  
150, 118) }
```

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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