

Converting Colors

XYZ(21.5190, 31.9556, 17.5589)

Have a look what the booklet for
XYZ(21.5190, 31.9556, 17.5589)
contains.

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Color

**XYZ(21.5160, 31.8766,
17.5892)**

Conversions

Conversions Part 1

Format	Color
Hex	61A966
RGB	97, 169, 102
RGB Percent	38%, 66%, 40%
CMY	0.6196, 0.3372, 0.6000
CMYK	0.43, 0.00, 0.40, 0.34
HSL	124°, 30%, 52%
HSV	124°, 43%, 66%
XYZ	21.5160, 31.8766, 17.5892
YIQ	139.8340, -21.4050, -36.1010

Conversions

Conversions Part 2

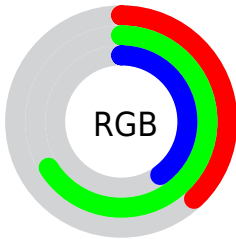
Format	Color
RYB	97, 164, 169
Decimal	6400358
CIELab	63.24, -36.83, 27.70
CIElCh	63, 46.081, 143.054
Yxy	31.8766, 0.3031, 0.4491
Android (android.graphics.Color)	4284590438 (0xFF61A966)
YUV	139.8340, -18.6522, -37.5654
Hunter-Lab	56.4594, -30.7796, 21.0505

Details

The XYZ color **21.5160, 31.8766, 17.5892** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.3387, 19.6653, 37.4778**, and the grayscale version is **24.9395, 26.2383, 28.5735**.

A 20% lighter version of the original color is **45.5204, 62.7628, 40.2871**, and **7.9075, 13.2707, 5.6348** is the 20% darker color. If you saturate the color by 10%, you get **19.1962, 30.7633, 13.7886**, and if you desaturate by 10%, it is **24.3691, 33.2495, 22.1885**.

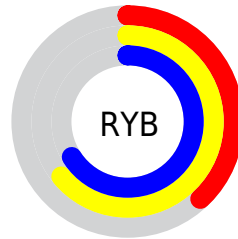
Distribution



Red (38%)

Green (66%)

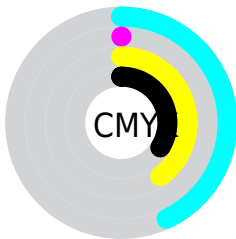
Blue (40%)



Red (38%)

Yellow (64%)

Blue (66%)

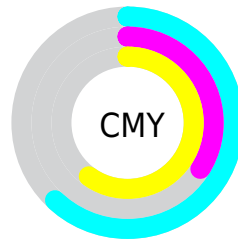


Cyan (43%)

Magenta (0%)

Yellow (40%)

Black (34%)



Cyan (62%)

Magenta (34%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5160, 31.8766, 17.5892 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 21.5160, 31.8766, 17.5892 by changing the saturation by 10% instead.

■ 21.5160, 31.8766,
17.5892

■ 21.5160, 31.8766,
17.5892

252.6883,
310.5567, 250.7031

■ 13.6163, 21.2673,
10.4891

■ 45.4296, 62.6176,
40.1405

■ 7.9342, 13.3195,
5.6146

■ 62.1742, 83.5180,
56.4288

■ 4.1043, 7.6489,
2.5472

■ 82.5978, 108.6176,
76.6169

■ 1.7613, 3.8711,
0.8650

■ 107.0657,
138.3008, 101.1233

■ 0.4942, 1.6017,
0.0000

135.9434,
172.9519, 130.3666

■ 0.0000, 0.3588,
0.0000

169.5962,

■ 0.0000, 0.0000,

212.9553, 164.7653

0.0000

208.3893,
258.6954, 204.7380

■ 21.5160, 31.8766,
17.5892

■ 21.5160, 31.8766,
17.5892

■ 19.1962, 30.7633,
13.7886

■ 24.3691, 33.2495,
22.1885

■ 17.3742, 29.8897,
10.7392

■ 27.7831, 34.8927,
27.6261

■ 16.0142, 29.2391,
8.3919


■ 31.7868, 36.8210,
33.9416


■ 15.0744, 28.7913,
6.6906


■ 36.4061, 39.0471,
41.1714


■ 14.5057, 28.5223,
5.5710


■ 41.6657, 41.5830,
49.3499

 14.2533, 28.4031,
5.0706

 47.5885, 44.4397,
58.5096

 54.1967, 47.6280,
68.6817

 61.5111, 51.1581,
79.8958

 69.5519, 55.0397,
92.1802

Harmonies

Analogous

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



25.7449, 31.8766, 11.3846



21.5160, 31.8766, 17.5892



19.6824, 31.8766, 30.6318

Triad

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



21.5160, 31.8766, 17.5892



28.8388, 31.8766, 82.5453



43.0400, 31.8766, 22.6919

Complementary

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



21.5160, 31.8766, 17.5892



27.3387, 19.6653, 37.4778

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.



44.1736, 31.8766, 39.1311



21.5160, 31.8766, 17.5892



35.3580, 31.8766, 78.0899

Square

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



21.5160, 31.8766, 17.5892



23.5085, 31.8766, 71.0220



41.1930, 31.8766, 60.3862



38.2824, 31.8766, 13.5265

Rectangle

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



21.5160, 31.8766, 17.5892



19.8530, 31.8766, 43.2603



41.1930, 31.8766, 60.3862



43.8826, 31.8766, 27.3647

Sweetspot

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



21.5168, 31.8779, 17.5899



56.4433, 65.7091, 60.0266



31.6981, 37.1544, 16.8103



11.9527, 14.1533, 12.5334



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.



21.5168, 31.8779, 17.5899



34.6359, 55.2169, 25.1202



23.6916, 32.7478, 29.0420



7.4571, 8.4159, 8.1273



10.6305, 21.1710, 3.8211



0.2650, 0.5176, 0.1266

Inverse Universe

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



27.3387, 19.6653, 37.4778



46.4339, 30.4474, 65.4076



24.5473, 18.5488, 22.7783



7.8191, 7.6575, 9.3645



16.7551, 8.1108, 24.5859



0.4141, 0.1999, 0.6321

Previews

White Background



This preview shows how the XYZ color 21.5160, 31.8766, 17.5892 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 21.5160, 31.8766, 17.5892 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 21.5160, 31.8766, 17.5892

Background



This preview shows how black text looks on a background with the XYZ color 21.5160, 31.8766, 17.5892.



This preview shows how white text looks on a background with the XYZ color 21.5160, 31.8766,

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

21.5160, 31.8766, 17.5892

Protanopia

29.0197, 31.3897, 15.3558

Deuteranopia

31.9888, 31.4431, 18.2930



Tritanopia

26.9698, 31.9516, 44.2810

Trichromacy



Original Color

21.5160, 31.8766, 17.5892

Protanomaly

25.4160, 30.9983, 16.1990

Deuteranomaly

26.6831, 30.6152, 17.8676

Tritanomaly

24.6053, 31.7833, 32.4417

Monochromacy



Original Color

21.5160, 31.8766, 17.5892

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.1447, 27.9247, 23.9088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5160, 31.8766, 17.5892 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(97, 169, 102)` looks like.

```
.text, #text, p{  
    color:rgb(97, 169, 102)  
}
```

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(97, 169, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 169, 102) }
```

Border

The CSS property to change the border of an element to XYZ 21.5160, 31.8766, 17.5892 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(97, 169, 102) }
```


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

```
.border{ border-color:rgb(97, 169, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 169, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 169, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 169, 102);  
box-shadow:4px 4px 4px 4px rgb(97, 169,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5160, 31.8766, 17.5892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 169, 102) }
```

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

```
.background{ background-color: rgb(97, 169,  
102) }
```

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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