

Converting Colors

XYZ(16.9537, 19.9168, 11.3691)

Have a look what the booklet for
XYZ(16.9537, 19.9168, 11.3691)
contains.

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Color

**XYZ(17.0651, 20.0715,
11.3623)**

Conversions

Conversions Part 1

Format	Color
Hex	788054
RGB	120, 128, 84
RGB Percent	47%, 50%, 33%
CMY	0.5294, 0.4980, 0.6706
CMYK	0.06, 0.00, 0.34, 0.50
HSL	71°, 21%, 42%
HSV	71°, 34%, 50%
XYZ	17.0651, 20.0715, 11.3623
YIQ	120.5920, 9.3560, -15.3800

Conversions

Conversions Part 2

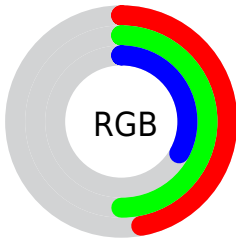
Format	Color
RYB	84, 128, 92
Decimal	7897172
CIELab	51.92, -10.68, 22.94
CIElCh	52, 25.303, 114.960
Yxy	20.0715, 0.3519, 0.4139
Android (android.graphics.Color)	4286087252 (0xFF788054)
YUV	120.5920, -18.0399, -0.5192
Hunter-Lab	44.8012, -10.4103, 16.3240

Details

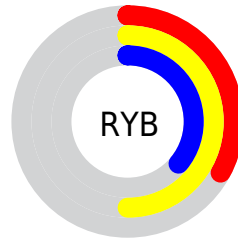
The XYZ color **17.0651, 20.0715, 11.3623** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.4811, 10.1751, 21.7821**, and the grayscale version is **18.0970, 19.0394, 20.7339**.

A 20% lighter version of the original color is **38.0605, 43.6532, 28.9742**, and **5.7444, 7.0715, 2.8959** is the 20% darker color. If you saturate the color by 10%, you get **16.2901, 19.7253, 8.9439**, and if you desaturate by 10%, it is **17.9406, 20.4602, 14.2645**.

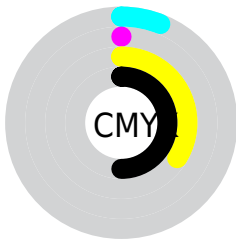
Distribution



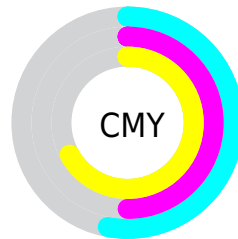
- Red (47%)
- Green (50%)
- Blue (33%)



- Red (33%)
- Yellow (50%)
- Blue (36%)



- Cyan (6%)
- Magenta (0%)
- Yellow (34%)
- Black (50%)



- Cyan (53%)
- Magenta (50%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0651, 20.0715, 11.3623 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 17.0651, 20.0715, 11.3623 by changing the saturation by 10% instead.

■ 17.0651, 20.0715,
11.3623

■ 17.0651, 20.0715,
11.3623

228.6962,
252.3019, 210.9624

■ 10.3765, 12.4470,
6.1938

■ 37.9804, 43.5370,
28.9750

■ 5.7135, 7.0489,
2.8926

■ 52.9378, 60.1469,
42.2564

■ 2.7106, 3.4927,
1.0401

■ 71.3822, 80.5206,
59.0791

■ 1.0027, 1.3940,
0.0000

■ 93.6789, 105.0427,
79.8618

■ 0.0000, 0.2123,
0.0000

■ 120.1933,
134.0975, 105.0229

■ 0.0000, 0.0000,
0.0000

151.2907,

168.0693, 134.9810

187.3366,
207.3427, 170.1547

■ 17.0651, 20.0715,
11.3623

■ 17.0651, 20.0715,
11.3623

■ 16.2901, 19.7253,
8.9439

■ 17.9406, 20.4602,
14.2645

■ 15.6090, 19.4170,
6.9818

■ 18.9198, 20.8905,
17.6736

■ 15.0169, 19.1450,
5.4476


■ 20.0076, 21.3652,
21.6128


■ 14.5075, 18.9071,
4.3090


■ 21.2080, 21.8859,
26.1033


■ 14.0739, 18.7004,
3.5296


■ 22.5249, 22.4541,
31.1652


 13.7065, 18.5210,
3.0592

 23.9620, 23.0713,
36.8177

 13.5125, 18.4256,
2.8443

 25.5228, 23.7390,
43.0791

 27.2107, 24.4584,
49.9668

 29.0289, 25.2310,
57.4975

Harmonies

Analogous

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



19.5152, 20.0715, 10.5618



17.0651, 20.0715, 11.3623



15.3070, 20.0715, 14.6878

Triad

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



17.0651, 20.0715, 11.3623



16.3758, 20.0715, 35.6271



24.4415, 20.0715, 23.1228

Complementary

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



17.0651, 20.0715, 11.3623



11.4811, 10.1751, 21.7821

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.



23.4209, 20.0715, 31.0394



17.0651, 20.0715, 11.3623



18.6461, 20.0715, 39.2225

Square

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



17.0651, 20.0715, 11.3623



14.9348, 20.0715, 28.3945



21.2419, 20.0715, 37.3789



23.9227, 20.0715, 16.4047

Rectangle

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



17.0651, 20.0715, 11.3623



14.6877, 20.0715, 18.3805



21.2419, 20.0715, 37.3789



24.2646, 20.0715, 25.7407

Sweetspot

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



17.0656, 20.0724, 11.3627



34.0797, 37.1157, 33.8749



14.2727, 12.7692, 10.1003



7.9267, 8.6670, 7.7429



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.0656, 20.0724, 11.3627



28.9961, 34.8698, 16.7063



14.4294, 18.7134, 11.2394



4.5911, 4.9811, 4.6396



13.3989, 18.2698, 2.8202



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.4811, 10.1751, 21.7821



17.6578, 14.7654, 37.8756



13.9203, 11.4325, 21.8963



4.1762, 4.2464, 5.4128



4.2212, 1.7298, 20.3614



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.0651, 20.0715, 11.3623 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0651, 20.0715, 11.3623 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 × Fail

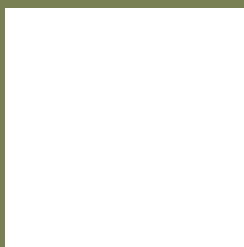
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0651, 20.0715, 11.3623

Background



This preview shows how black text looks on a background with the XYZ color 17.0651, 20.0715, 11.3623.



This preview shows how white text looks on a background with the XYZ color 17.0651, 20.0715,

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

17.0651, 20.0715, 11.3623

Protanopia

18.5622, 20.0928, 10.8826

Deuteranopia

20.1908, 19.8318, 11.5678



Tritanopia

19.7286, 20.0206, 24.6544

Trichromacy



Original Color

17.0651, 20.0715, 11.3623

Protanomaly

17.9482, 19.9589, 11.0901

Deuteranomaly

18.9158, 19.8933, 11.4372

Tritanomaly

18.6143, 19.9382, 19.0870

Monochromacy



Original Color

17.0651, 20.0715, 11.3623

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.7996, 19.5630, 17.0252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0651, 20.0715, 11.3623 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(120, 128, 84)` looks like.

```
.text, #text, p{  
    color:rgb(120, 128, 84)  
}
```

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(120, 128, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 128, 84) }
```

Border

The CSS property to change the border of an element to XYZ 17.0651, 20.0715, 11.3623 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(120, 128, 84) }
```


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

```
.border{ border-color:rgb(120, 128, 84) }
```

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

Here you see how a box with a 4 pixel rgb(120, 128, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 128, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 128, 84);  
box-shadow:4px 4px 4px 4px rgb(120, 128,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0651, 20.0715, 11.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 128, 84) }
```

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

```
.background{ background-color: rgb(120,  
128, 84) }
```

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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