

Converting Colors

XYZ(16.7422, 20.9734, 19.0766)

Have a look what the booklet for
XYZ(16.7422, 20.9734, 19.0766)
contains.

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Color

**XYZ(16.7079, 20.9177,
19.0765)**

Conversions

Conversions Part 1

Format	Color
Hex	638672
RGB	99, 134, 114
RGB Percent	39%, 53%, 45%
CMY	0.6118, 0.4745, 0.5529
CMYK	0.26, 0.00, 0.15, 0.47
HSL	146°, 15%, 46%
HSV	146°, 26%, 53%
XYZ	16.7079, 20.9177, 19.0765
YIQ	121.2550, -14.4400, -13.6400

Conversions

Conversions Part 2

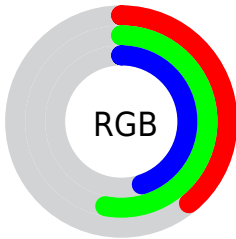
Format	Color
R_{YB}	99, 124, 134
Decimal	6522482
CIE _{Lab}	52.86, -16.72, 6.81
CIE _{LCh}	53, 18.051, 157.833
Y _{xy}	20.9177, 0.2947, 0.3689
Android (android.graphics.Color)	4284712562 (0xFF638672)
Y _{UV}	121.2550, -3.5767, -19.5176
Hunter-Lab	45.7359, -14.8294, 7.2852

Details

The XYZ color **16.7079, 20.9177, 19.0765** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.6238, 15.3244, 19.4826**, and the grayscale version is **18.2714, 19.2230, 20.9338**.

A 20% lighter version of the original color is **37.2309, 44.7779, 42.7571**, and **5.5189, 7.4378, 6.2990** is the 20% darker color. If you saturate the color by 10%, you get **14.9460, 20.0582, 16.8134**, and if you desaturate by 10%, it is **18.7504, 21.9188, 21.5441**.

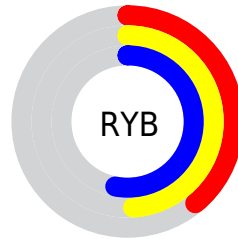
Distribution



Red (39%)

Green (53%)

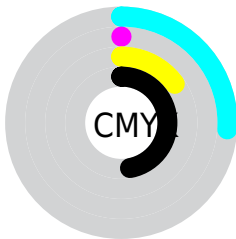
Blue (45%)



Red (39%)

Yellow (49%)

Blue (53%)

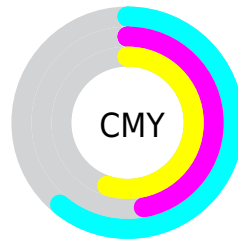


Cyan (26%)

Magenta (0%)

Yellow (15%)

Black (47%)



Cyan (61%)

Magenta (47%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7079, 20.9177, 19.0765 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 16.7079, 20.9177, 19.0765 by changing the saturation by 10% instead.

■ 16.7079, 20.9177,
19.0765

■ 16.7079, 20.9177,
19.0765

226.6726,
256.8408, 259.3075

■ 10.1205, 13.0639,
11.5482

■ 37.3705, 44.9505,
42.7017

■ 5.5418, 7.4725,
6.3181

■ 52.1763, 61.8983,
59.6358

■ 2.6065, 3.7593,
2.9675

■ 70.4523, 82.6462,
80.5421

■ 0.9493, 1.5399,
1.0781

■ 92.5639, 107.5785,
105.8393

■ 0.0000, 0.3165,
0.0000

118.8764,
137.0798, 135.9459

■ 0.0000, 0.0000,
0.0000

149.7551,

171.5343, 171.2805

185.5654,
211.3265, 212.2615

■ 16.7079, 20.9177,
19.0765

■ 16.7079, 20.9177,
19.0765

■ 14.9460, 20.0582,
16.8134

■ 18.7504, 21.9188,
21.5441

■ 13.4501, 19.3312,
14.7483

■ 21.0839, 23.0649,
24.2199

■ 12.2068, 18.7305,
12.8760

■ 23.7201, 24.3627,
27.1093

■ 11.2010, 18.2482,
11.1908

■ 26.6697, 25.8175,
30.2168

■ 10.4157, 17.8758,
9.6868

■ 29.9430, 27.4346,
33.5471

■ 9.8314, 17.6034,
8.3575

■ 33.5495, 29.2189,
37.1045

■ 9.4167, 17.4150,
7.1955

■ 37.4985, 31.1749,
40.8934

■ 9.2747, 17.3506,
6.7873

■ 41.7990, 33.3072,
44.9179

■ 46.4595, 35.6203,
49.1821

Harmonies

Analogous

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



17.7386, 20.9177, 15.5164



16.7079, 20.9177, 19.0765



16.5001, 20.9177, 24.2212

Triad

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



16.7079, 20.9177, 19.0765



20.3801, 20.9177, 34.6960



22.8865, 20.9177, 16.9794

Complementary

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



16.7079, 20.9177, 19.0765



17.6238, 15.3244, 19.4826

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.



23.6962, 20.9177, 21.3891



16.7079, 20.9177, 19.0765



22.1907, 20.9177, 32.0059

Square

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



16.7079, 20.9177, 19.0765



18.5441, 20.9177, 33.8152



23.4338, 20.9177, 26.9249



21.2820, 20.9177, 14.4459

Rectangle

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



16.7079, 20.9177, 19.0765



16.8432, 20.9177, 27.9788



23.4338, 20.9177, 26.9249



23.2652, 20.9177, 18.2615

Sweetspot

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



16.7085, 20.9186, 19.0770



36.2581, 40.1997, 41.6717



18.4430, 21.9034, 15.0603



8.0416, 8.9942, 9.2442



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.7085, 20.9186, 19.0770



27.6510, 35.9821, 31.3486



17.7737, 21.3447, 24.6864



4.6930, 5.2354, 5.3945



8.6966, 16.2615, 6.3877



0.0337, 0.0578, 0.0408

Inverse Universe

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



17.6238, 15.3244, 19.4826



29.5305, 24.4916, 32.1787



16.6881, 14.9501, 14.5551



4.7757, 4.7300, 5.4314



10.4603, 5.2485, 6.9963



0.0399, 0.0196, 0.0435

Previews

White Background



This preview shows how the XYZ color 16.7079, 20.9177, 19.0765 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 16.7079, 20.9177, 19.0765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

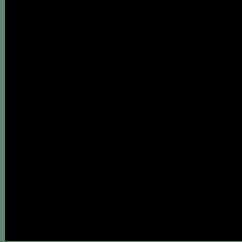
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.7079, 20.9177, 19.0765

Background



This preview shows how black text looks on a background with the XYZ color 16.7079, 20.9177, 19.0765.



This preview shows how white text looks on a background with the XYZ color 16.7079, 20.9177,

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

16.7079, 20.9177, 19.0765

Protanopia

19.6638, 20.6986, 17.7107

Deuteranopia

21.0328, 20.6218, 19.7015



Tritanopia

18.4993, 20.8314, 28.2452

Trichromacy



Original Color

16.7079, 20.9177, 19.0765

Protanomaly

18.3341, 20.5791, 18.0448

Deuteranomaly

19.2174, 20.6183, 19.4899

Tritanomaly

17.6925, 20.6961, 24.5350

Monochromacy



Original Color

16.7079, 20.9177, 19.0765

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.5409, 19.7404, 20.0253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7079, 20.9177, 19.0765 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(99, 134, 114) looks like.

```
.text, #text, p{  
    color:rgb(99, 134, 114)  
}
```

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(99, 134, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 134, 114) }
```

Border

The CSS property to change the border of an element to XYZ 16.7079, 20.9177, 19.0765 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(99, 134, 114) }
```


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

```
.border{ border-color:rgb(99, 134, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 134, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 134, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 134, 114);  
box-shadow:4px 4px 4px 4px rgb(99, 134,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7079, 20.9177, 19.0765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 134, 114) }
```

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

```
.background{ background-color: rgb(99, 134,  
114) }
```

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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