

Converting Colors

XYZ(20.6643, 17.7113, 15.8127)

Have a look what the booklet for
XYZ(20.6643, 17.7113, 15.8127)
contains.

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Color

**XYZ(20.6370, 17.6929,
15.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	996869
RGB	153, 104, 105
RGB Percent	60%, 41%, 41%
CMY	0.4000, 0.5921, 0.5882
CMYK	0.00, 0.32, 0.31, 0.40
HSL	359°, 19%, 50%
HSV	359°, 32%, 60%
XYZ	20.6370, 17.6929, 15.6920
YIQ	118.7650, 28.8830, 10.6990

Conversions

Conversions Part 2

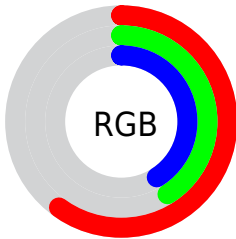
Format	Color
R_{YB}	153, 104, 105
Decimal	10053737
CIE _{Lab}	49.12, 19.82, 7.42
CIE _{LCh}	49, 21.167, 20.521
Yxy	17.6929, 0.3820, 0.3275
Android (android.graphics.Color)	4288243817 (0xFF996869)
YUV	118.7650, -6.7861, 30.0241
Hunter-Lab	42.0629, 13.9659, 7.3253

Details

The XYZ color **20.6370, 17.6929, 15.6920** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7684, 27.9929, 33.9104**, and the grayscale version is **17.4751, 18.3852, 20.0215**.

A 20% lighter version of the original color is **44.1837, 39.7325, 36.7929**, and **7.4334, 5.8432, 4.7390** is the 20% darker color. If you saturate the color by 10%, you get **18.5307, 14.6063, 11.5182**, and if you desaturate by 10%, it is **23.1595, 21.3943, 20.6749**.

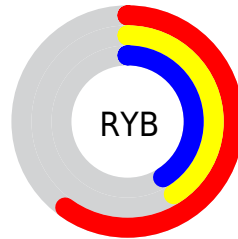
Distribution



Red (60%)

Green (41%)

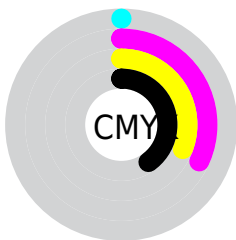
Blue (41%)



Red (60%)

Yellow (41%)

Blue (41%)

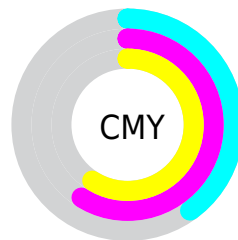


Cyan (0%)

Magenta (32%)

Yellow (31%)

Black (40%)



Cyan (40%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6370, 17.6929, 15.6920 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 20.6370, 17.6929, 15.6920 by changing the saturation by 10% instead.

■ 20.6370, 17.6929,
15.6920

■ 20.6370, 17.6929,
15.6920

248.1114,
239.1343, 239.3007

■ 12.9699, 10.7297,
9.1545

■ 43.9785, 39.5133,
36.8220

■ 7.4847, 5.8854,
4.7439

■ 60.3835, 55.1394,
52.2515

■ 3.8160, 2.7755,
2.0417

■ 80.4319, 74.4219,
71.4822

■ 1.5986, 1.0157,
0.5807

■ 104.4890, 97.7452,
94.9325

■ 0.3915, 0.0000,
0.0000

132.9201,
125.4937, 123.0209

■ 0.0000, 0.0000,
0.0000

166.0906,

158.0518, 156.1661

204.3660,
195.8038, 194.7865

■ 20.6370, 17.6929,
15.6920

■ 20.6370, 17.6929,
15.6920

■ 18.5307, 14.6063,
11.5182

■ 23.1595, 21.3943,
20.6749

■ 16.8169, 12.0990,
8.1098

■ 26.1174, 25.7387,
26.5053

■ 15.4717, 10.1356,
5.4206


■ 29.5303, 30.7554,
33.2203


■ 14.4682, 8.6757,
3.3992


■ 33.4164, 36.4714,
40.8548


■ 13.7755, 7.6735,
1.9872


■ 37.7927, 42.9119,
49.4415

 13.3576, 7.0749,
1.1161

 42.6755, 50.1011,
59.0117

 13.1539, 6.7791,
0.7046

 48.0803, 58.0620,
69.5951

 54.0218, 66.8166,
81.2204

 60.5144, 76.3861,
93.9148

Harmonies

Analogous

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



20.8549, 17.6929, 21.1150



20.6370, 17.6929, 15.6920



19.3531, 17.6929, 12.0193

Triad

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



20.6370, 17.6929, 15.6920



14.0478, 17.6929, 13.1346



16.1978, 17.6929, 32.1332

Complementary

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



20.6370, 17.6929, 15.6920



22.7684, 27.9929, 33.9104

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.



14.5119, 17.6929, 28.9572



20.6370, 17.6929, 15.6920



13.3364, 17.6929, 17.5255

Square

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



20.6370, 17.6929, 15.6920



15.5179, 17.6929, 10.7562



13.4994, 17.6929, 23.3419



18.1858, 17.6929, 31.3760

Rectangle

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



20.6370, 17.6929, 15.6920



18.1173, 17.6929, 10.7103



13.4994, 17.6929, 23.3419



15.5796, 17.6929, 31.4700

Sweetspot

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



20.6375, 17.6937, 15.6924



47.8275, 47.6441, 49.5434



23.5312, 18.8159, 32.5286



10.3965, 10.2789, 10.6163



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.6375, 17.6937, 15.6924



34.3416, 27.8504, 22.9193



23.2083, 22.9168, 16.2980



6.2136, 6.2246, 6.5051



10.8730, 5.6034, 0.5904



0.1637, 0.0842, 0.0151

Inverse Universe

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



20.6375, 17.6937, 15.6924



34.3416, 27.8504, 22.9193



19.4598, 21.2445, 33.2120



6.2136, 6.2246, 6.5051



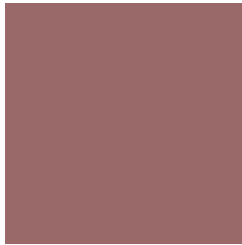
10.8730, 5.6034, 0.5904



0.1637, 0.0842, 0.0151

Previews

White Background



This preview shows how the XYZ color 20.6370, 17.6929, 15.6920 looks on a white background.

Color Contrast Check

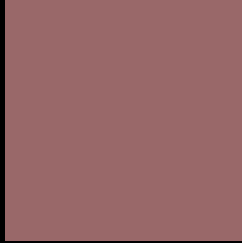
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 20.6370, 17.6929, 15.6920 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 20.6370, 17.6929, 15.6920

Background



This preview shows how black text looks on a background with the XYZ color 20.6370, 17.6929, 15.6920.



This preview shows how white text looks on a background with the XYZ color 20.6370, 17.6929,

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

20.6370, 17.6929, 15.6920

Protanopia

17.0316, 17.8855, 17.8838

Deuteranopia

18.0262, 17.7761, 15.3130



Tritanopia

21.0459, 17.7182, 17.3496

Trichromacy



Original Color

20.6370, 17.6929, 15.6920

Protanomaly

18.0702, 17.5980, 16.9123

Deuteranomaly

18.8898, 17.7268, 15.5227

Tritanomaly

20.9370, 17.6746, 16.7760

Monochromacy



Original Color

20.6370, 17.6929, 15.6920

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.4146, 18.0748, 18.4378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6370, 17.6929, 15.6920 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(153, 104, 105)` looks like.

```
.text, #text, p{  
    color:rgb(153, 104, 105)  
}
```

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(153, 104, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 104, 105) }
```

Border

The CSS property to change the border of an element to XYZ 20.6370, 17.6929, 15.6920 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(153, 104, 105) }
```


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

```
.border{ border-color:rgb(153, 104, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 104, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 104, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 104, 105);  
box-shadow:4px 4px 4px 4px rgb(153, 104,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6370, 17.6929, 15.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 104, 105) }
```

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

```
.background{ background-color: rgb(153,  
104, 105) }
```

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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