

Converting Colors

XYZ(20.9545, 16.5592, 18.2801)

Have a look what the booklet for
XYZ(20.9545, 16.5592, 18.2801)
contains.

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Color

**XYZ(20.8970, 16.4901,
18.3012)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5F73
RGB	156, 95, 115
RGB Percent	61%, 37%, 45%
CMY	0.3882, 0.6274, 0.5490
CMYK	0.00, 0.39, 0.26, 0.39
HSL	340°, 24%, 49%
HSV	340°, 39%, 61%
XYZ	20.8970, 16.4901, 18.3012
YIQ	115.5190, 29.9360, 19.1520

Conversions

Conversions Part 2

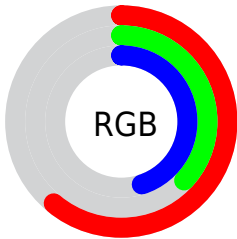
Format	Color
R _Y B	156, 95, 115
Decimal	10248051
CIE Lab	47.61, 27.59, -0.70
CIE LCh	48, 27.600, 358.545
Yxy	16.4901, 0.3752, 0.2961
Android (android.graphics.Color)	4288438131 (0xFF9C5F73)
YUV	115.5190, -0.2559, 35.5018
Hunter-Lab	40.6080, 20.7926, 1.7048

Details

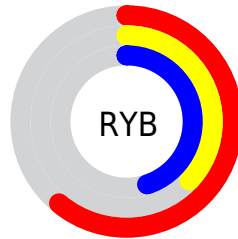
The XYZ color **20.8970, 16.4901, 18.3012** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.0524, 27.9878, 27.5864**, and the grayscale version is **16.4482, 17.3048, 18.8449**.

A 20% lighter version of the original color is **44.4053, 37.3448, 41.4271**, and **7.6232, 5.3218, 5.9356** is the 20% darker color. If you saturate the color by 10%, you get **19.0605, 13.7283, 14.8795**, and if you desaturate by 10%, it is **23.0845, 19.8437, 22.1789**.

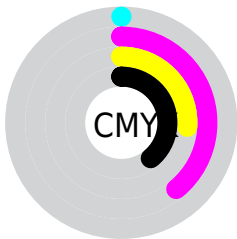
Distribution



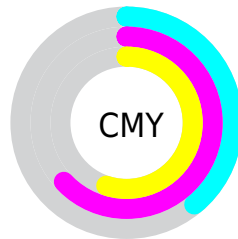
- Red (61%)
- Green (37%)
- Blue (45%)



- Red (61%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (39%)



- Cyan (39%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8970, 16.4901, 18.3012 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 20.8970, 16.4901, 18.3012 by changing the saturation by 10% instead.

■ 20.8970, 16.4901,
18.3012

■ 20.8970, 16.4901,
18.3012

249.4727,
232.2166, 254.8562

■ 13.1608, 9.8716,
10.9948

■ 44.4086, 37.4470,
41.3707

■ 7.6171, 5.3139,
5.9492

■ 60.9147, 52.5542,
57.9709

■ 3.9007, 2.4326,
2.7459

■ 81.0748, 71.2597,
78.5062

■ 1.6461, 0.8426,
0.9664

■ 105.2543, 93.9480,
103.3949

■ 0.4222, 0.0000,
0.0000

133.8184,
121.0034, 133.0558

■ 0.0000, 0.0000,
0.0000

167.1326,

152.8104, 167.9072

205.5623,
189.7533, 208.3679

■ 20.8970, 16.4901,
18.3012

■ 20.8970, 16.4901,
18.3012

■ 19.0605, 13.7283,
14.8795

■ 23.0845, 19.8437,
22.1789

■ 17.5544, 11.5213,
11.8952

■ 25.6393, 23.8187,
26.5283

■ 16.3581, 9.8315,
9.3296

■ 28.5782, 28.4453,
31.3656


■ 15.4478, 8.6156,
7.1622


■ 31.9168, 33.7512,
36.7056


■ 14.7961, 7.8231,
5.3703


■ 35.6695, 39.7626,
42.5627


 14.3474, 7.3471,
3.9209

 39.8503, 46.5040,
48.9507

 14.3110, 7.3082,
3.8048

 44.4722, 53.9989,
55.8829

 49.5478, 62.2698,
63.3718

 55.0893, 71.3382,
71.4299

Harmonies

Analogous

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



20.0675, 16.4901, 25.9978



20.8970, 16.4901, 18.3012



20.2095, 16.4901, 12.2252

Triad

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



20.8970, 16.4901, 18.3012



13.5187, 16.4901, 8.4858



13.3310, 16.4901, 32.1782

Complementary

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



20.8970, 16.4901, 18.3012



21.0524, 27.9878, 27.5864

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.



11.8724, 16.4901, 25.2425



20.8970, 16.4901, 18.3012



11.9726, 16.4901, 11.7697

Square

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



20.8970, 16.4901, 18.3012



15.7938, 16.4901, 7.5272



11.4019, 16.4901, 17.6130



15.5535, 16.4901, 35.2006

Rectangle

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



20.8970, 16.4901, 18.3012



19.0202, 16.4901, 9.5912



11.4019, 16.4901, 17.6130



12.7441, 16.4901, 30.1509

Sweetspot

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



20.8975, 16.4909, 18.3015



50.1545, 48.8977, 54.1152



20.1929, 15.7919, 33.4365



10.8956, 10.5381, 11.6773



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.8975, 16.4909, 18.3015



34.9778, 25.4681, 27.7108



20.8450, 18.0320, 13.2093



6.7183, 6.6802, 7.3674



11.8025, 6.0256, 3.2108



0.2294, 0.1151, 0.1542

Inverse Universe

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



20.8975, 16.4909, 18.3015



34.9778, 25.4681, 27.7108



20.9738, 25.3401, 35.2383



6.7183, 6.6802, 7.3674



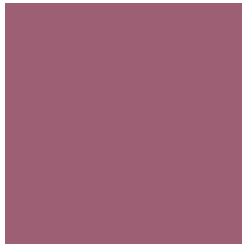
11.8025, 6.0256, 3.2108



0.2294, 0.1151, 0.1542

Previews

White Background



This preview shows how the XYZ color 20.8970, 16.4901, 18.3012 looks on a white background.

Color Contrast Check

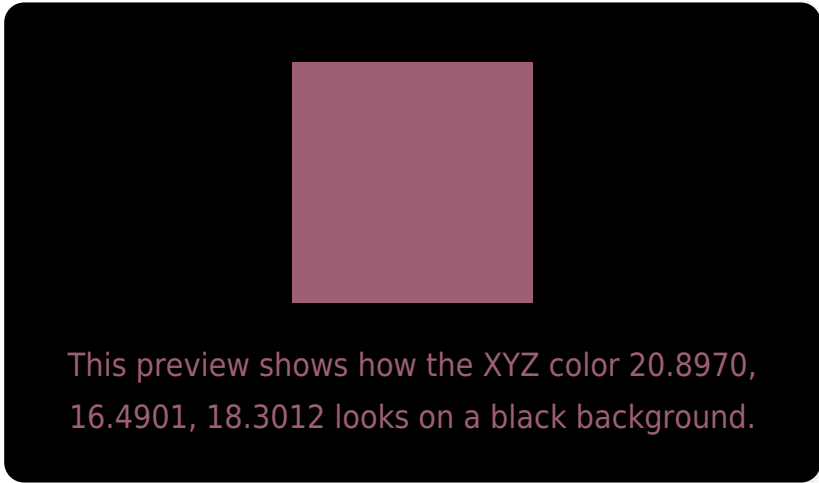
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

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

XYZ 20.8970, 16.4901, 18.3012

Background



This preview shows how black text looks on a background with the XYZ color 20.8970, 16.4901, 18.3012.



This preview shows how white text looks on a background with the XYZ color 20.8970, 16.4901,

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

20.8970, 16.4901, 18.3012

Protanopia

16.3531, 16.7614, 22.1120

Deuteranopia

16.9580, 16.6817, 17.6553



Tritanopia

20.2910, 16.5174, 15.2154

Trichromacy



Original Color

20.8970, 16.4901, 18.3012

Protanomaly

17.5690, 16.3024, 20.6330

Deuteranomaly

18.1856, 16.5296, 17.8548

Tritanomaly

20.4072, 16.4170, 16.2806

Monochromacy



Original Color

20.8970, 16.4901, 18.3012

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.8750, 16.8114, 18.8258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8970, 16.4901, 18.3012 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(156, 95, 115)` looks like.

```
.text, #text, p{  
    color:rgb(156, 95, 115)  
}
```

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(156, 95, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 95, 115) }
```

Border

The CSS property to change the border of an element to XYZ 20.8970, 16.4901, 18.3012 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(156, 95, 115) }
```


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

```
.border{ border-color:rgb(156, 95, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 95, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 95, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 95, 115);  
box-shadow:4px 4px 4px 4px rgb(156, 95,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8970, 16.4901, 18.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 95, 115) }
```

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

```
.background{ background-color: rgb(156, 95,  
115) }
```

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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