

Converting Colors

XYZ(21.8573, 16.9546, 19.1929)

Have a look what the booklet for
XYZ(21.8573, 16.9546, 19.1929)
contains.

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Color

**XYZ(21.8594, 16.9660,
19.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	A05F76
RGB	160, 95, 118
RGB Percent	63%, 37%, 46%
CMY	0.3725, 0.6274, 0.5373
CMYK	0.00, 0.41, 0.26, 0.37
HSL	339°, 25%, 50%
HSV	339°, 41%, 63%
XYZ	21.8594, 16.9660, 19.2622
YIQ	117.0570, 31.3570, 20.9330

Conversions

Conversions Part 2

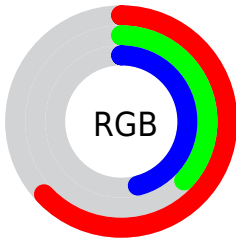
Format	Color
R_{YB}	160, 95, 118
Decimal	10510198
CIE _{Lab}	48.22, 29.54, -1.55
CIE _{LCh}	48, 29.582, 356.988
Yxy	16.9660, 0.3763, 0.2921
Android (android.graphics.Color)	4288700278 (0xFFA05F76)
YUV	117.0570, 0.4649, 37.6610
Hunter-Lab	41.1898, 22.6477, 1.1062

Details

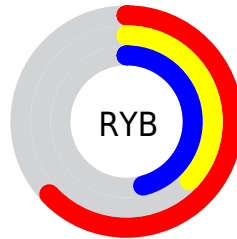
The XYZ color **21.8594, 16.9660, 19.2622** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8062, 29.3810, 28.1901**, and the grayscale version is **16.9184, 17.7995, 19.3836**.

A 20% lighter version of the original color is **46.0083, 38.3686, 43.0112**, and **8.1854, 5.6010, 6.4440** is the 20% darker color. If you saturate the color by 10%, you get **19.9823, 14.1417, 15.7696**, and if you desaturate by 10%, it is **24.1008, 20.4109, 23.2089**.

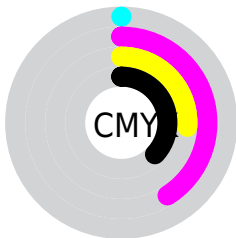
Distribution



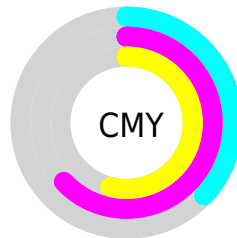
- Red (63%)
- Green (37%)
- Blue (46%)



- Red (63%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (41%)
- Yellow (26%)
- Black (37%)





- Cyan (37%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.8594, 16.9660, 19.2622 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 21.8594, 16.9660, 19.2622 by changing the saturation by 10% instead.


 21.8594, 16.9660,
19.2622


 21.8594, 16.9660,
19.2622


254.4573,
234.9764, 260.3632

 13.8696, 10.2103,
11.6812


 45.9941, 38.2673,
43.0193

 8.1112, 5.5386,
6.4071


 62.8697, 53.5817,
60.0324

 4.2186, 2.5666,
3.0214


 83.4381, 72.5177,
81.0266

 1.8265, 0.9099,
1.1056

 108.0644, 95.4597,
106.4205

 0.5336, 0.0000,
0.0000

137.1142,
122.7922, 136.6325

 0.0000, 0.0000,
0.0000

170.9527,

154.8996, 172.0813

209.9453,
192.1662, 213.1854

■ 21.8594, 16.9660,
19.2622

■ 21.8594, 16.9660,
19.2622

■ 19.9823, 14.1417,
15.7696

■ 24.1008, 20.4109,
23.2089

■ 18.4477, 11.8982,
12.7126

■ 26.7239, 24.5082,
27.6252

■ 17.2335, 10.1948,
10.0728

■ 29.7466, 29.2903,
32.5270

■ 16.3144, 8.9846,
7.8299

■ 33.1851, 34.7870,
37.9289

■ 15.6605, 8.2123,
5.9614

■ 37.0550, 41.0260,
43.8453

■ 15.2260, 7.7651,
4.5164

■ 41.3707, 48.0338,
50.2895

■ 46.1463, 55.8354,
57.2748

■ 51.3949, 64.4548,
64.8135

■ 57.1294, 73.9149,
72.9180

Harmonies

Analogous

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



20.8613, 16.9660, 27.7716



21.8594, 16.9660, 19.2622



21.1856, 16.9660, 12.5354

Triad

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



21.8594, 16.9660, 19.2622



13.8914, 16.9660, 8.1706



13.4697, 16.9660, 33.8794

Complementary

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



21.8594, 16.9660, 19.2622



21.8062, 29.3810, 28.1901

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.



11.9433, 16.9660, 26.0402



21.8594, 16.9660, 19.2622



12.1671, 16.9660, 11.5232

Square

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



21.8594, 16.9660, 19.2622



16.3989, 16.9660, 7.2808



11.4940, 16.9660, 17.7058



15.8555, 16.9660, 37.5560

Rectangle

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



21.8594, 16.9660, 19.2622



19.9160, 16.9660, 9.6235



11.4940, 16.9660, 17.7058



12.8496, 16.9660, 31.5532

Sweetspot

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



21.8599, 16.9668, 19.2625



53.0779, 51.6994, 57.5668



20.6185, 15.9716, 35.2539



11.4915, 11.1016, 12.3855



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.8599, 16.9668, 19.2625



36.4929, 25.9905, 29.0371



21.4802, 18.1343, 13.1956



6.7252, 6.6830, 7.4038



11.8802, 6.0566, 3.6202



0.2316, 0.1160, 0.1656

Inverse Universe

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



21.8599, 16.9668, 19.2625



36.4929, 25.9905, 29.0371



22.1854, 27.2121, 37.3409



6.7252, 6.6830, 7.4038



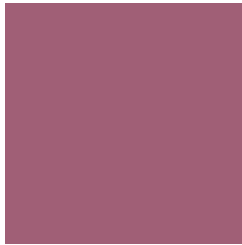
11.8802, 6.0566, 3.6202



0.2316, 0.1160, 0.1656

Previews

White Background



This preview shows how the XYZ color 21.8594, 16.9660, 19.2622 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 21.8594, 16.9660, 19.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

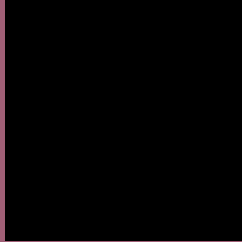
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.8594, 16.9660, 19.2622

Background



This preview shows how black text looks on a background with the XYZ color 21.8594, 16.9660, 19.2622.



This preview shows how white text looks on a background with the XYZ color 21.8594, 16.9660,

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

21.8594, 16.9660, 19.2622

Protanopia

16.8566, 17.1570, 23.5423

Deuteranopia

17.3831, 17.0423, 18.5930



Tritanopia

21.1226, 16.9402, 15.5211

Trichromacy



Original Color

21.8594, 16.9660, 19.2622

Protanomaly

18.2295, 16.7676, 22.0143

Deuteranomaly

18.6852, 16.7674, 18.7746

Tritanomaly

21.2954, 16.8625, 16.8842

Monochromacy



Original Color

21.8594, 16.9660, 19.2622

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.3524, 17.2082, 19.1839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8594, 16.9660, 19.2622 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(160, 95, 118)` looks like.

```
.text, #text, p{  
    color:rgb(160, 95, 118)  
}
```

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(160, 95, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 95, 118) }
```

Border

The CSS property to change the border of an element to XYZ 21.8594, 16.9660, 19.2622 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(160, 95, 118) }
```


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

```
.border{ border-color:rgb(160, 95, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 95, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 95, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 95, 118);  
box-shadow:4px 4px 4px 4px rgb(160, 95,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8594, 16.9660, 19.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 95, 118) }
```

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

```
.background{ background-color: rgb(160, 95,  
118) }
```

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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