

Converting Colors

XYZ(22.5683, 16.5598, 19.1464)

Have a look what the booklet for
XYZ(22.5683, 16.5598, 19.1464)
contains.

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Color

**XYZ(22.5683, 16.5598,
19.1464)**

Conversions

Conversions Part 1

Format	Color
Hex	A65976
RGB	166, 89, 118
RGB Percent	65%, 35%, 46%
CMY	0.3490, 0.6510, 0.5373
CMYK	0.00, 0.46, 0.29, 0.35
HSL	337°, 30%, 50%
HSV	337°, 46%, 65%
XYZ	22.5683, 16.5598, 19.1464
YIQ	115.3290, 36.5830, 25.3430

Conversions

Conversions Part 2

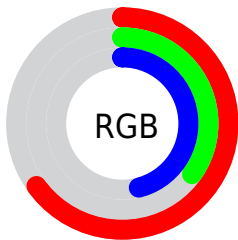
Format	Color
R_{YB}	166, 89, 118
Decimal	10901878
CIE _{Lab}	47.70, 35.04, -2.22
CIE _{LCh}	48, 35.115, 356.375
Yxy	16.5598, 0.3873, 0.2842
Android (android.graphics.Color)	4289091958 (0xFFA65976)
YUV	115.3290, 1.3168, 44.4385
Hunter-Lab	40.6937, 27.7801, 0.5897

Details

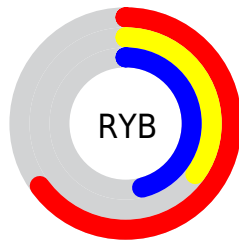
The XYZ color **22.5683, 16.5598, 19.1464** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **22.2722, 31.2029, 28.5175**, and the grayscale version is **16.3844, 17.2377, 18.7719**.

A 20% lighter version of the original color is **47.2120, 37.6400, 42.8071**, and **8.5464, 5.4045, 6.3871** is the 20% darker color. If you saturate the color by 10%, you get **20.7578, 13.8696, 15.6735**, and if you desaturate by 10%, it is **24.7587, 19.9016, 23.0792**.

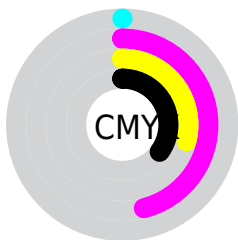
Distribution



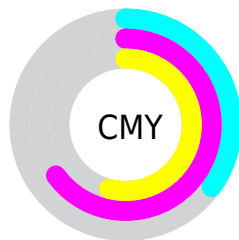
- Red (65%)
- Green (35%)
- Blue (46%)



- Red (65%)
- Yellow (35%)
- Blue (46%)



- Cyan (0%)
- Magenta (46%)
- Yellow (29%)
- Black (35%)



- Cyan (35%)
- Magenta (65%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5683, 16.5598, 19.1464 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 22.5683, 16.5598, 19.1464 by changing the saturation by 10% instead.

■ 22.5683, 16.5598,
19.1464

■ 22.5683, 16.5598,
19.1464

258.0768,
232.6227, 259.7054

■ 14.3940, 9.9211,
11.5982

■ 47.1554, 37.5674,
42.8213

■ 8.4787, 5.3467,
6.3515

■ 64.2989, 52.7050,
59.7852

■ 4.4571, 2.4521,
2.9878

■ 85.1629, 71.4445,
80.7246

■ 1.9639, 0.8525,
1.0884

■ 110.1126, 94.1702,
106.0583

■ 0.6135, 0.0000,
0.0000

139.5135,
121.2665, 136.2046

■ 0.0000, 0.0000,
0.0000

173.7310,

153.1177, 171.5822

213.1303,
190.1083, 212.6096

■ 22.5683, 16.5598,
19.1464

■ 22.5683, 16.5598,
19.1464

■ 20.7578, 13.8696,
15.6735

■ 24.7587, 19.9016,
23.0792

■ 19.3025, 11.7852,
12.6410

■ 27.3488, 23.9317,
27.4883

■ 18.1766, 10.2589,
10.0293


■ 30.3589, 28.6872,
32.3903


■ 17.3502, 9.2345,
7.8164


■ 33.8072, 34.2017,
37.8007


■ 16.7821, 8.6338,
5.9761


■ 37.7109, 40.5066,
43.7342

 16.6096, 8.4605,
5.3893

 42.0863, 47.6316,
50.2050

 46.9489, 55.6049,
57.2266

 52.3133, 64.4532,
64.8122

 58.1938, 74.2024,
72.9743

Harmonies

Analogous

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



21.3225, 16.5598, 29.4034



22.5683, 16.5598, 19.1464



21.7934, 16.5598, 11.3872

Triad

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



22.5683, 16.5598, 19.1464



13.2064, 16.5598, 6.5509



12.6268, 16.5598, 36.6061

Complementary

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



22.5683, 16.5598, 19.1464



22.2722, 31.2029, 28.5175

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.



10.9256, 16.5598, 26.8570



22.5683, 16.5598, 19.1464



11.2276, 16.5598, 10.0494

Square

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



22.5683, 16.5598, 19.1464



16.1245, 16.5598, 5.6923



10.4493, 16.5598, 16.9594



15.3609, 16.5598, 41.3843

Rectangle

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



22.5683, 16.5598, 19.1464



20.2844, 16.5598, 8.1855



10.4493, 16.5598, 16.9594



11.9300, 16.5598, 33.6711

Sweetspot

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



22.5688, 16.5606, 19.1467



56.3591, 54.0716, 60.7913



20.6881, 15.1737, 37.9149



12.3348, 11.6588, 13.1628



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.5688, 16.5606, 19.1467



37.4803, 24.8902, 28.0595



21.8958, 17.5614, 11.6879



7.6436, 7.5873, 8.4405



12.9011, 6.5692, 4.2907



0.3388, 0.1698, 0.2355

Inverse Universe

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



22.5688, 16.5606, 19.1467



37.4803, 24.8902, 28.0595



23.0632, 28.9971, 40.4579



7.6436, 7.5873, 8.4405



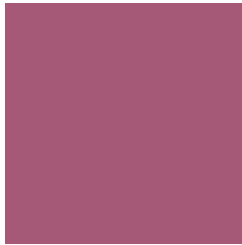
12.9011, 6.5692, 4.2907



0.3388, 0.1698, 0.2355

Previews

White Background



This preview shows how the XYZ color 22.5683, 16.5598, 19.1464 looks on a white background.

Color Contrast Check

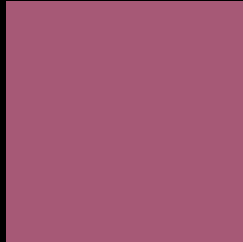
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5683, 16.5598, 19.1464 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 22.5683, 16.5598, 19.1464

Background



This preview shows how black text looks on a background with the XYZ color 22.5683, 16.5598, 19.1464.



This preview shows how white text looks on a background with the XYZ color 22.5683, 16.5598,

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

22.5683, 16.5598, 19.1464

Protanopia

16.5692, 16.8187, 24.5633

Deuteranopia

16.9254, 16.6519, 18.2417



Tritanopia

21.3891, 16.4477, 13.8518

Trichromacy



Original Color

22.5683, 16.5598, 19.1464

Protanomaly

18.0525, 16.2050, 22.5985

Deuteranomaly

18.4933, 16.2295, 18.3776

Tritanomaly

21.8597, 16.5221, 15.6726

Monochromacy



Original Color

22.5683, 16.5598, 19.1464

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.1379, 16.6374, 18.7784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5683, 16.5598, 19.1464 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(166, 89, 118)` looks like.

```
.text, #text, p{  
    color:rgb(166, 89, 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(166, 89, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 89, 118) }
```

Border

The CSS property to change the border of an element to XYZ 22.5683, 16.5598, 19.1464 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(166, 89, 118) }
```


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

```
.border{ border-color:rgb(166, 89, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 89, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 89, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 89, 118);  
box-shadow:4px 4px 4px 4px rgb(166, 89,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5683, 16.5598, 19.1464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 89, 118) }
```

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

```
.background{ background-color: rgb(166, 89,  
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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