

Converting Colors

XYZ(19.0892, 16.9482, 20.0345)

Have a look what the booklet for
XYZ(19.0892, 16.9482, 20.0345)
contains.

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Color

**XYZ(19.0892, 16.9482,
20.0345)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6978
RGB	139, 105, 120
RGB Percent	55%, 41%, 47%
CMY	0.4549, 0.5882, 0.5294
CMYK	0.00, 0.24, 0.14, 0.45
HSL	334°, 14%, 48%
HSV	334°, 24%, 55%
XYZ	19.0892, 16.9482, 20.0345
YIQ	116.8760, 15.4490, 11.8730

Conversions

Conversions Part 2

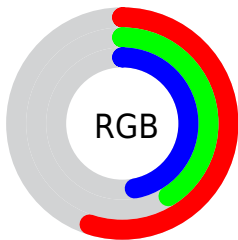
Format	Color
R_{YB}	139, 105, 120
Decimal	9136504
CIE Lab	48.19, 16.11, -3.07
CIE LCh	48, 16.400, 349.196
Yxy	16.9482, 0.3404, 0.3023
Android (android.graphics.Color)	4287326584 (0xFF8B6978)
YUV	116.8760, 1.5401, 19.4027
Hunter-Lab	41.1682, 10.7240, -0.0357

Details

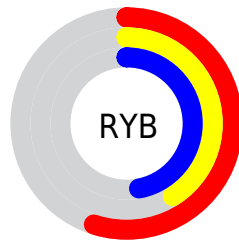
The XYZ color **19.0892, 16.9482, 20.0345** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6971, 22.9242, 22.5093**, and the grayscale version is **16.8626, 17.7408, 19.3197**.

A 20% lighter version of the original color is **41.3272, 38.0929, 44.2042**, and **6.6573, 5.4688, 6.8356** is the 20% darker color. If you saturate the color by 10%, you get **17.3351, 14.1639, 17.2174**, and if you desaturate by 10%, it is **21.1140, 20.2122, 23.1309**.

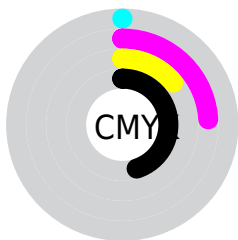
Distribution



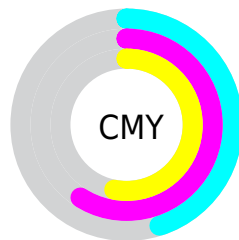
- Red (55%)
- Green (41%)
- Blue (47%)



- Red (55%)
- Yellow (41%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (45%)



- Cyan (45%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0892, 16.9482, 20.0345 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 19.0892, 16.9482, 20.0345 by changing the saturation by 10% instead.

■ 19.0892, 16.9482,
20.0345

■ 19.0892, 16.9482,
20.0345

239.8694,
234.8737, 264.7122

■ 11.8391, 10.1976,
12.2358

■ 41.4005, 38.2367,
44.3347

■ 6.7057, 5.5301,
6.7800

■ 57.1924, 53.5433,
61.6734

■ 3.3234, 2.5615,
3.2485

■ 76.5623, 72.4708,
83.0291

■ 1.3270, 0.9074,
1.2229

■ 99.8756, 95.4034,
108.8203

■ 0.2033, 0.0000,
0.0000

127.4976,
122.7256, 139.4658

■ 0.0000, 0.0000,
0.0000

159.7937,

154.8218, 175.3839

197.1292,
192.0764, 216.9932

■ 19.0892, 16.9482,
20.0345

■ 19.0892, 16.9482,
20.0345

■ 17.3351, 14.1639,
17.2174

■ 21.1140, 20.2122,
23.1309

■ 15.8380, 11.8342,
14.6701

■ 23.4193, 23.9748,
26.5138

■ 14.5854, 9.9351,
12.3840

■ 26.0164, 28.2569,
30.1910

■ 13.5629, 8.4396,
10.3494

■ 28.9152, 33.0772,
34.1702

■ 12.7547, 7.3174,
8.5561

■ 32.1254, 38.4539,
38.4583

■ 12.1425, 6.5340,
6.9927

■ 35.6562, 44.4039,
43.0622

■ 11.7034, 6.0451,
5.6461

■ 39.5164, 50.9436,
47.9886

■ 11.4984, 5.8294,
4.9790

■ 43.7144, 58.0888,
53.2440

■ 48.2583, 65.8545,
58.8344

Harmonies

Analogous

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



18.3756, 16.9482, 24.3500



19.0892, 16.9482, 20.0345



18.9680, 16.9482, 15.8859

Triad

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



19.0892, 16.9482, 20.0345



15.1852, 16.9482, 11.7403



14.3086, 16.9482, 25.3854

Complementary

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



19.0892, 16.9482, 20.0345



18.6971, 22.9242, 22.5093

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.



13.5523, 16.9482, 21.2844



19.0892, 16.9482, 20.0345



14.0365, 16.9482, 13.5955

Square

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



19.0892, 16.9482, 20.0345



16.6517, 16.9482, 11.5120



13.4559, 16.9482, 16.9583



15.5778, 16.9482, 27.7409

Rectangle

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



19.0892, 16.9482, 20.0345



18.4320, 16.9482, 13.7399



13.4559, 16.9482, 16.9583



13.9894, 16.9482, 24.1383

Sweetspot

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



19.0897, 16.9490, 20.0349



40.7768, 41.0290, 45.7978



17.9813, 16.2309, 26.6114



9.3484, 9.3762, 10.4836



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.0897, 16.9490, 20.0349



32.5018, 27.6682, 33.2075



18.4244, 16.9627, 15.6686



5.1185, 5.0829, 5.7127



10.3862, 5.2646, 4.5380



0.0762, 0.0378, 0.0679

Inverse Universe

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



19.0897, 16.9490, 20.0349



32.5018, 27.6682, 33.2075



19.4748, 22.8445, 27.8093



5.1185, 5.0829, 5.7127



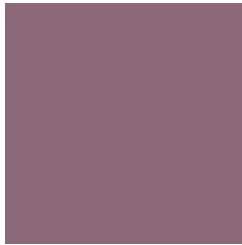
10.3862, 5.2646, 4.5380



0.0762, 0.0378, 0.0679

Previews

White Background



This preview shows how the XYZ color 19.0892, 16.9482, 20.0345 looks on a white background.

Color Contrast Check

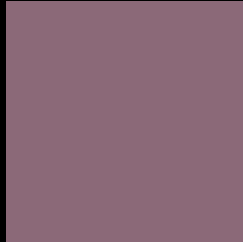
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0892, 16.9482, 20.0345 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 19.0892, 16.9482, 20.0345

Background



This preview shows how black text looks on a background with the XYZ color 19.0892, 16.9482, 20.0345.



This preview shows how white text looks on a background with the XYZ color 19.0892, 16.9482,

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

19.0892, 16.9482, 20.0345

Protanopia

16.6584, 17.0927, 21.8233

Deuteranopia

17.3264, 16.9859, 19.8182



Tritanopia

18.6725, 16.9262, 18.2025

Trichromacy



Original Color

19.0892, 16.9482, 20.0345

Protanomaly

17.4280, 17.0099, 21.1036

Deuteranomaly

17.8517, 16.9363, 19.7809

Tritanomaly

18.7877, 16.9723, 18.8088

Monochromacy



Original Color

19.0892, 16.9482, 20.0345

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.6326, 17.4782, 19.5838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0892, 16.9482, 20.0345 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(139, 105, 120)` looks like.

```
.text, #text, p{  
    color:rgb(139, 105, 120)  
}
```

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(139, 105, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 105, 120) }
```

Border

The CSS property to change the border of an element to XYZ 19.0892, 16.9482, 20.0345 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(139, 105, 120) }
```


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

```
.border{ border-color:rgb(139, 105, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 105, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 105, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 105, 120);  
box-shadow:4px 4px 4px 4px rgb(139, 105,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0892, 16.9482, 20.0345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 105, 120) }
```

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

```
.background{ background-color: rgb(139,  
105, 120) }
```

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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