

Converting Colors

XYZ(18.1446, 16.1686, 12.9910)

Have a look what the booklet for
XYZ(18.1446, 16.1686, 12.9910)
contains.

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Color

**XYZ(18.1446, 16.1686,
12.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	8F665F
RGB	143, 102, 95
RGB Percent	56%, 40%, 37%
CMY	0.4392, 0.6000, 0.6274
CMYK	0.00, 0.29, 0.34, 0.44
HSL	9°, 20%, 47%
HSV	9°, 34%, 56%
XYZ	18.1446, 16.1686, 12.9910
YIQ	113.4610, 26.6830, 6.5150

Conversions

Conversions Part 2

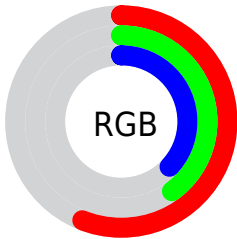
Format	Color
R_{YB}	143, 103, 95
Decimal	9397855
CIE _{Lab}	47.19, 15.51, 10.50
CIE _{LCh}	47, 18.726, 34.096
Yxy	16.1686, 0.3836, 0.3418
Android (android.graphics.Color)	4287587935 (0xFF8F665F)
YUV	113.4610, -9.1013, 25.9057
Hunter-Lab	40.2102, 10.1792, 8.9919

Details

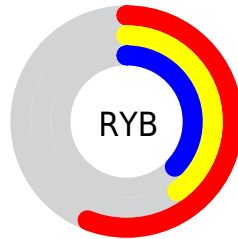
The XYZ color **18.1446, 16.1686, 12.9910** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.4811, 22.0236, 29.2635**, and the grayscale version is **15.8541, 16.6798, 18.1643**.

A 20% lighter version of the original color is **39.7908, 36.8326, 31.8003**, and **6.2349, 5.1783, 3.5766** is the 20% darker color. If you saturate the color by 10%, you get **16.4402, 13.7062, 9.5050**, and if you desaturate by 10%, it is **20.1461, 19.0340, 17.1652**.

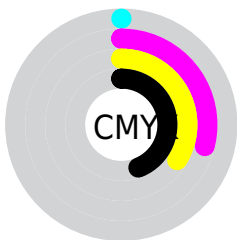
Distribution



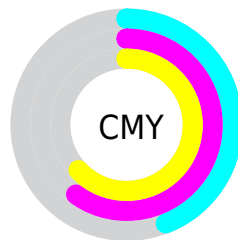
- Red (56%)
- Green (40%)
- Blue (37%)



- Red (56%)
- Yellow (40%)
- Blue (37%)



- Cyan (0%)
- Magenta (29%)
- Yellow (34%)
- Black (44%)





- Cyan (44%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1446, 16.1686, 12.9910 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 18.1446, 16.1686, 12.9910 by changing the saturation by 10% instead.

 18.1446, 16.1686,
12.9910


 18.1446, 16.1686,
12.9910


234.7147,
230.3345, 222.0658


 11.1542, 9.6435,
7.2917


 39.8117, 36.8907,
31.9786


 6.2387, 5.1633,
3.5640


 55.2191, 51.8564,
46.1039

 3.0328, 2.3434,
1.3893

 74.1629, 70.4046,
63.8750

 1.1711, 0.7965,
0.1334

 97.0084, 92.9195,
85.7104

 0.0834, 0.0000,
0.0000

124.1209,
119.7855, 112.0286

 0.0000, 0.0000,
0.0000

155.8659,

151.3871, 143.2482

192.6087,
188.1087, 179.7878

■ 18.1446, 16.1686,
12.9910

■ 18.1446, 16.1686,
12.9910

■ 16.4402, 13.7062,
9.5050

■ 20.1461, 19.0340,
17.1652

■ 15.0173, 11.6265,
6.6691

■ 22.4567, 22.3170,
22.0607

■ 13.8610, 9.9109,
4.4432

■ 25.0892, 26.0343,
27.7099

■ 12.9542, 8.5381,
2.7822

■ 28.0555, 30.2009,
34.1427

■ 12.2781, 7.4849,
1.6348

■ 31.3667, 34.8312,
41.3876

■ 11.8107, 6.7250,
0.9398

■ 35.0334, 39.9389,
49.4715

■ 11.5933, 6.3710,
0.6187

■ 39.0659, 45.5372,
58.4201

■ 43.4739, 51.6387,
68.2580

■ 48.2668, 58.2555,
79.0089

Harmonies

Analogous

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



18.7508, 16.1686, 16.9645



18.1446, 16.1686, 12.9910



16.7944, 16.1686, 10.6371

Triad

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



18.1446, 16.1686, 12.9910



12.6895, 16.1686, 13.9297



15.5953, 16.1686, 28.2993

Complementary

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



18.1446, 16.1686, 12.9910



18.4811, 22.0236, 29.2635

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.



14.0243, 16.1686, 27.0971



18.1446, 16.1686, 12.9910



12.4183, 16.1686, 18.2612

Square

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



18.1446, 16.1686, 12.9910



13.6587, 16.1686, 11.1073



12.8898, 16.1686, 23.1992



17.2138, 16.1686, 26.2420

Rectangle

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



18.1446, 16.1686, 12.9910



15.6961, 16.1686, 10.0316



12.8898, 16.1686, 23.1992



15.0441, 16.1686, 28.2651

Sweetspot

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



18.1450, 16.1694, 12.9913



41.7326, 42.1114, 42.7478



19.9067, 15.8189, 25.5209



9.4378, 9.4699, 9.5197



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.1450, 16.1694, 12.9913



30.2213, 25.6763, 18.6021



20.7777, 21.4347, 13.8689



5.4685, 5.5432, 5.6711



10.2610, 5.6538, 0.5505



0.1079, 0.0736, 0.0085

Inverse Universe

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



18.4811, 22.0236, 29.2635



30.9074, 37.7476, 52.1950



15.5380, 16.1374, 28.2825



5.4942, 5.9841, 6.8942



10.5638, 14.1137, 25.1445



0.1128, 0.1586, 0.2443

Previews

White Background



This preview shows how the XYZ color 18.1446, 16.1686, 12.9910 looks on a white background.

Color Contrast Check

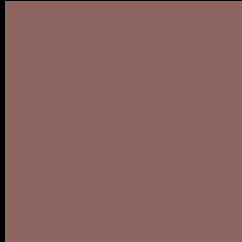
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1446, 16.1686, 12.9910 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 18.1446, 16.1686, 12.9910

Background



This preview shows how black text looks on a background with the XYZ color 18.1446, 16.1686, 12.9910.

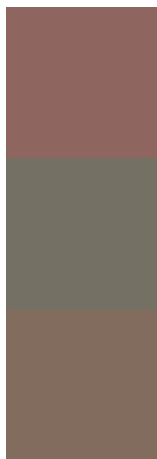


This preview shows how white text looks on a background with the XYZ color 18.1446, 16.1686,

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

18.1446, 16.1686, 12.9910

Protanopia

15.4305, 16.2903, 14.3877

Deuteranopia

16.4362, 16.2004, 12.8504



Tritanopia

18.7655, 16.1263, 16.3110

Trichromacy



Original Color

18.1446, 16.1686, 12.9910

Protanomaly

16.1714, 16.0426, 13.7995

Deuteranomaly

17.0059, 16.1846, 12.8173

Tritanomaly

18.6035, 16.2159, 14.9814

Monochromacy



Original Color

18.1446, 16.1686, 12.9910

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.3823, 16.2630, 15.9113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1446, 16.1686, 12.9910 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(143, 102, 95) looks like.

```
.text, #text, p{  
    color:rgb(143, 102, 95)  
}
```

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(143, 102, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 102, 95) }
```

Border

The CSS property to change the border of an element to XYZ 18.1446, 16.1686, 12.9910 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(143, 102, 95) }
```


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

```
.border{ border-color:rgb(143, 102, 95) }
```

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

Here you see how a box with a 4 pixel rgb(143, 102, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 102, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 102, 95);  
box-shadow:4px 4px 4px 4px rgb(143, 102,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1446, 16.1686, 12.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 102, 95) }
```

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

```
.background{ background-color: rgb(143,  
102, 95) }
```

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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