

Converting Colors

XYZ(18.8095, 16.1846, 14.7030)

Have a look what the booklet for
XYZ(18.8095, 16.1846, 14.7030)
contains.

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Color

**XYZ(18.8095, 16.1846,
14.7030)**

Conversions

Conversions Part 1

Format	Color
Hex	926466
RGB	146, 100, 102
RGB Percent	57%, 39%, 40%
CMY	0.4275, 0.6078, 0.6000
CMYK	0.00, 0.32, 0.30, 0.43
HSL	357°, 19%, 48%
HSV	357°, 32%, 57%
XYZ	18.8095, 16.1846, 14.7030
YIQ	113.9820, 26.7740, 10.3740

Conversions

Conversions Part 2

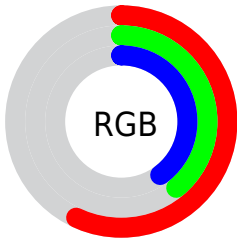
Format	Color
R_{YB}	146, 100, 102
Decimal	9593958
CIE Lab	47.22, 18.89, 6.39
CIE LCh	47, 19.941, 18.675
Yxy	16.1846, 0.3785, 0.3257
Android (android.graphics.Color)	4287784038 (0xFF926466)
YUV	113.9820, -5.9071, 28.0798
Hunter-Lab	40.2301, 13.0547, 6.4922

Details

The XYZ color **18.8095, 16.1846, 14.7030** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.5691, 25.2811, 30.1823**, and the grayscale version is **16.0007, 16.8340, 18.3322**.

A 20% lighter version of the original color is **40.9038, 36.8506, 35.0940**, and **6.5788, 5.2017, 4.2717** is the 20% darker color. If you saturate the color by 10%, you get **16.8974, 13.3769, 10.9315**, and if you desaturate by 10%, it is **21.0902, 19.5424, 19.1734**.

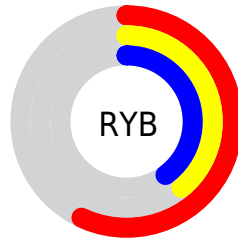
Distribution



Red (57%)

Green (39%)

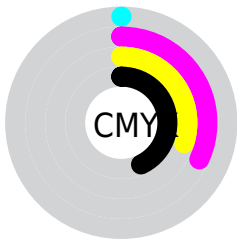
Blue (40%)



Red (57%)

Yellow (39%)

Blue (40%)

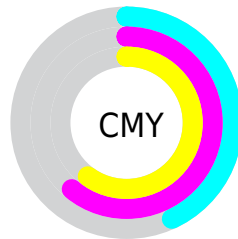


Cyan (0%)

Magenta (32%)

Yellow (30%)

Black (43%)



Cyan (43%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8095, 16.1846, 14.7030 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 18.8095, 16.1846, 14.7030 by changing the saturation by 10% instead.

■ 18.8095, 16.1846,
14.7030

■ 18.8095, 16.1846,
14.7030

238.3534,
230.4286, 233.1400

■ 11.6359, 9.6549,
8.4669

■ 40.9313, 36.9184,
35.0662

■ 6.5667, 5.1707,
4.3031

■ 56.6102, 51.8912,
50.0304

■ 3.2365, 2.3478,
1.7931

■ 75.8550, 70.4472,
68.7411

■ 1.2800, 0.7988,
0.4234

■ 99.0309, 92.9708,
91.6167

■ 0.1682, 0.0000,
0.0000

126.5033,
119.8463, 119.0759

■ 0.0000, 0.0000,
0.0000

158.6377,

151.4582, 151.5371

195.7992,
188.1908, 189.4190

■ 18.8095, 16.1846,
14.7030

■ 18.8095, 16.1846,
14.7030

■ 16.8974, 13.3769,
10.9315

■ 21.0902, 19.5424,
19.1734

■ 15.3332, 11.0879,
7.8228

■ 23.7560, 23.4751,
24.3746

■ 14.0965, 9.2865,
5.3387


■ 26.8240, 28.0086,
30.3375


■ 13.1639, 7.9373,
3.4372


■ 30.3099, 33.1666,
37.0912


■ 12.5092, 7.0003,
2.0706


■ 34.2285, 38.9716,
44.6629


 12.1014, 6.4282,
1.1840

 38.5941, 45.4449,
53.0789

 11.8888, 6.1249,
0.7377

 43.4201, 52.6068,
62.3642

 48.7194, 60.4768,
72.5425

 54.5044, 69.0736,
83.6369

Harmonies

Analogous

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



18.9379, 16.1846, 19.5908



18.8095, 16.1846, 14.7030



17.7227, 16.1846, 11.3107

Triad

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



18.8095, 16.1846, 14.7030



12.9835, 16.1846, 11.9758



14.7292, 16.1846, 28.9097

Complementary

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



18.8095, 16.1846, 14.7030



20.5691, 25.2811, 30.1823

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.



13.2588, 16.1846, 25.9299



18.8095, 16.1846, 14.7030



12.3033, 16.1846, 15.7903

Square

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



18.8095, 16.1846, 14.7030



14.3267, 16.1846, 9.9555



12.4001, 16.1846, 20.9045



16.4900, 16.1846, 28.4656

Rectangle

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



18.8095, 16.1846, 14.7030



16.6442, 16.1846, 10.0604



12.4001, 16.1846, 20.9045



14.1872, 16.1846, 28.2555

Sweetspot

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



18.8099, 16.1854, 14.7033



43.1008, 43.1740, 45.3207



21.1952, 17.0927, 29.3763



9.4370, 9.3812, 9.7878



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.



18.8099, 16.1854, 14.7033



30.6692, 24.8604, 20.9857



20.9557, 20.6336, 14.9357



5.8104, 5.8192, 6.1077



10.4644, 5.3908, 0.6607



0.1301, 0.0668, 0.0188

Inverse Universe

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



18.8099, 16.1854, 14.7033



30.6692, 24.8604, 20.9857



17.8161, 19.5286, 30.0246



5.8104, 5.8192, 6.1077



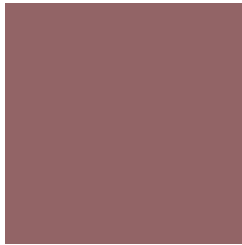
10.4644, 5.3908, 0.6607



0.1301, 0.0668, 0.0188

Previews

White Background



This preview shows how the XYZ color 18.8095, 16.1846, 14.7030 looks on a white background.

Color Contrast Check

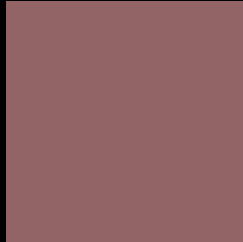
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.8095, 16.1846, 14.7030 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 18.8095, 16.1846, 14.7030

Background



This preview shows how black text looks on a background with the XYZ color 18.8095, 16.1846, 14.7030.



This preview shows how white text looks on a background with the XYZ color 18.8095, 16.1846,

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

18.8095, 16.1846, 14.7030

Protanopia

15.5712, 16.3159, 16.5159

Deuteranopia

16.4152, 16.1573, 14.3101



Tritanopia

18.9697, 16.0962, 16.0170

Trichromacy



Original Color

18.8095, 16.1846, 14.7030

Protanomaly

16.5683, 16.2014, 15.8896

Deuteranomaly

17.2321, 16.1111, 14.5134

Tritanomaly

18.8657, 16.0546, 15.4691

Monochromacy



Original Color

18.8095, 16.1846, 14.7030

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.8873, 16.4987, 17.0464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8095, 16.1846, 14.7030 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(146, 100, 102)` looks like.

```
.text, #text, p{  
    color:rgb(146, 100, 102)  
}
```

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(146, 100, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 100, 102) }
```

Border

The CSS property to change the border of an element to XYZ 18.8095, 16.1846, 14.7030 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(146, 100, 102) }
```


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

```
.border{ border-color:rgb(146, 100, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 100, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 100, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 100, 102);  
box-shadow:4px 4px 4px 4px rgb(146, 100,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8095, 16.1846, 14.7030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 100, 102) }
```

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

```
.background{ background-color: rgb(146,  
100, 102) }
```

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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