

Converting Colors

XYZ(18.0984, 16.5149, 11.9349)

Have a look what the booklet for
XYZ(18.0984, 16.5149, 11.9349)
contains.

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Color

**XYZ(18.1235, 16.4785,
11.8983)**

Conversions

Conversions Part 1

Format	Color
Hex	8F685A
RGB	143, 104, 90
RGB Percent	56%, 41%, 35%
CMY	0.4392, 0.5921, 0.6471
CMYK	0.00, 0.27, 0.37, 0.44
HSL	16°, 23%, 46%
HSV	16°, 37%, 56%
XYZ	18.1235, 16.4785, 11.8983
YIQ	114.0650, 27.7380, 3.9140

Conversions

Conversions Part 2

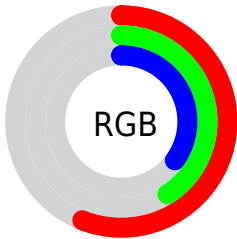
Format	Color
R_{YB}	143, 109, 90
Decimal	9398362
CIE Lab	47.60, 13.67, 14.03
CIE LCh	48, 19.586, 45.755
Yxy	16.4785, 0.3898, 0.3544
Android (android.graphics.Color)	4287588442 (0xFF8F685A)
YUV	114.0650, -11.8640, 25.3760
Hunter-Lab	40.5937, 8.6542, 11.0373

Details

The XYZ color **18.1235, 16.4785, 11.8983** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.0243, 19.8566, 28.9221**, and the grayscale version is **16.0428, 16.8782, 18.3804**.

A 20% lighter version of the original color is **39.7437, 37.3419, 29.9239**, and **6.2321, 5.3323, 3.0836** is the 20% darker color. If you saturate the color by 10%, you get **16.5787, 14.2709, 8.6638**, and if you desaturate by 10%, it is **19.9185, 18.9988, 15.7943**.

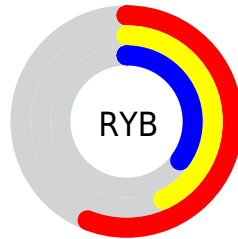
Distribution



Red (56%)

Green (41%)

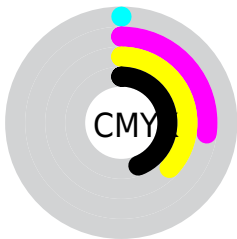
Blue (35%)



Red (56%)

Yellow (43%)

Blue (35%)

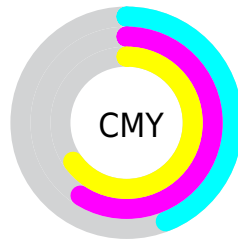


Cyan (0%)

Magenta (27%)

Yellow (37%)

Black (44%)



Cyan (44%)


Magenta (59%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.1235, 16.4785, 11.8983 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 18.1235, 16.4785, 11.8983 by changing the saturation by 10% instead.


 18.1235, 16.4785,
11.8983


 18.1235, 16.4785,
11.8983


234.5984,
232.1489, 214.6848


 11.1389, 9.8634,
6.5528


 39.7761, 37.4269,
29.9714


 6.2283, 5.3085,
3.1098


 55.1748, 52.5290,
43.5360


 3.0264, 2.4294,
1.1510

 74.1089, 71.2289,
60.6774

 1.1677, 0.8409,
0.0000

 96.9438, 93.9110,
81.8141

 0.0807, 0.0000,
0.0000

 124.0449,
120.9596, 107.3646

 0.0000, 0.0000,
0.0000

155.7774,

152.7592, 137.7476

192.5068,
189.6942, 173.3814

■ 18.1235, 16.4785,
11.8983

■ 18.1235, 16.4785,
11.8983

■ 16.5787, 14.2709,
8.6638

■ 19.9185, 18.9988,
15.7943

■ 15.2711, 12.3614,
6.0528

■ 21.9732, 21.8412,
20.3850

■ 14.1887, 10.7374,
4.0247

■ 24.2981, 25.0176,
25.7026

■ 13.3176, 9.3846,
2.5337

■ 26.9029, 28.5384,
31.7770

■ 12.6422, 8.2873,
1.5273

■ 29.7965, 32.4137,
38.6363

■ 12.1393, 7.4260,
0.9142

■ 32.9878, 36.6531,
46.3072

■ 12.0139, 7.2120,
0.7589

■ 36.4851, 41.2659,
54.8152

■ 40.2962, 46.2610,
64.1846

■ 44.4289, 51.6471,
74.4388

Harmonies

Analogous

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



19.1207, 16.4785, 15.4562



18.1235, 16.4785, 11.8983



16.5031, 16.4785, 10.1434

Triad

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



18.1235, 16.4785, 11.8983



12.6284, 16.4785, 15.6788



16.5917, 16.4785, 28.8780

Complementary

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



18.1235, 16.4785, 11.8983



17.0243, 19.8566, 28.9221

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.



14.8506, 16.4785, 28.9682



18.1235, 16.4785, 11.8983



12.6483, 16.4785, 20.6816

Square

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



18.1235, 16.4785, 11.8983



13.3783, 16.4785, 12.0350



13.4347, 16.4785, 25.7490



18.1925, 16.4785, 25.5218

Rectangle

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



18.1235, 16.4785, 11.8983



15.3281, 16.4785, 9.9753



13.4347, 16.4785, 25.7490



16.0014, 16.4785, 29.3097

Sweetspot

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



18.1239, 16.4793, 11.8986



41.7179, 42.3566, 41.8964



18.9965, 14.7571, 22.8785



9.4524, 9.5570, 9.3460



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.



18.1239, 16.4793, 11.8986



30.2434, 26.3546, 16.6547



21.1227, 22.4768, 12.8982



5.5176, 5.6415, 5.6875



10.6379, 6.4075, 0.6761



0.1177, 0.0932, 0.0118

Inverse Universe

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



17.0243, 19.8566, 28.9221



27.9830, 33.2428, 51.4797



14.0497, 13.9073, 27.9305



5.4414, 5.8785, 6.8766



8.8875, 10.7610, 24.5857



0.1030, 0.1390, 0.2411

Previews

White Background



This preview shows how the XYZ color 18.1235, 16.4785, 11.8983 looks on a white background.

Color Contrast Check

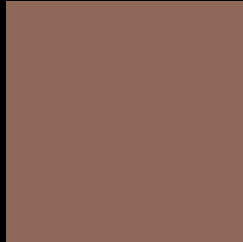
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1235, 16.4785, 11.8983 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 18.1235, 16.4785, 11.8983

Background



This preview shows how black text looks on a background with the XYZ color 18.1235, 16.4785, 11.8983.



This preview shows how white text looks on a background with the XYZ color 18.1235, 16.4785,

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

18.1235, 16.4785, 11.8983

Protanopia

15.5333, 16.5403, 12.9636

Deuteranopia

16.7875, 16.5641, 11.7636



Tritanopia

19.0911, 16.4312, 16.6333

Trichromacy



Original Color

18.1235, 16.4785, 11.8983

Protanomaly

16.4538, 16.5314, 12.6796

Deuteranomaly

17.2142, 16.4709, 11.7231

Tritanomaly

18.6512, 16.3913, 14.7512

Monochromacy



Original Color

18.1235, 16.4785, 11.8983

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.5832, 16.5318, 15.6815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1235, 16.4785, 11.8983 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, 104, 90)` looks like.

```
.text, #text, p{  
    color:rgb(143, 104, 90)  
}
```

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, 104, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 104, 90) }
```

Border

The CSS property to change the border of an element to XYZ 18.1235, 16.4785, 11.8983 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, 104, 90) }
```


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

```
.border{ border-color:rgb(143, 104, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 104, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 104, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 104, 90);  
box-shadow:4px 4px 4px 4px rgb(143, 104,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1235, 16.4785, 11.8983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 104, 90) }
```

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

```
.background{ background-color: rgb(143,  
104, 90) }
```

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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