

Converting Colors

XYZ(18.3046, 14.4710, 16.8979)

Have a look what the booklet for
XYZ(18.3046, 14.4710, 16.8979)
contains.

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Color

**XYZ(18.3795, 14.5710,
16.8827)**

Conversions

Conversions Part 1

Format	Color
Hex	925A6F
RGB	146, 90, 111
RGB Percent	57%, 35%, 44%
CMY	0.4274, 0.6470, 0.5647
CMYK	0.00, 0.38, 0.24, 0.43
HSL	338°, 24%, 46%
HSV	338°, 38%, 57%
XYZ	18.3795, 14.5710, 16.8827
YIQ	109.1380, 26.6350, 18.4030

Conversions

Conversions Part 2

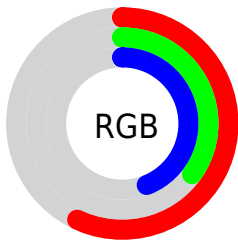
Format	Color
R_{YB}	146, 90, 111
Decimal	9591407
CIE Lab	45.04, 26.03, -2.20
CIE LCh	45, 26.121, 355.162
Yxy	14.5710, 0.3688, 0.2924
Android (android.graphics.Color)	4287781487 (0xFF925A6F)
YUV	109.1380, 0.9180, 32.3280
Hunter-Lab	38.1720, 19.1453, 0.4976

Details

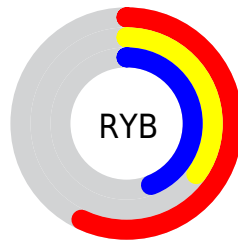
The XYZ color **18.3795, 14.5710, 16.8827** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.1977, 24.2126, 23.1176**, and the grayscale version is **14.5675, 15.3262, 16.6902**.

A 20% lighter version of the original color is **40.2231, 34.1116, 39.1145**, and **6.3772, 4.4663, 5.2286** is the 20% darker color. If you saturate the color by 10%, you get **16.7898, 12.1549, 13.9991**, and if you desaturate by 10%, it is **20.2633, 17.4928, 20.1179**.

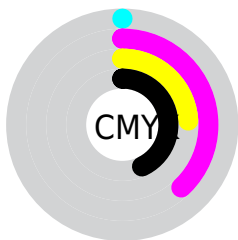
Distribution



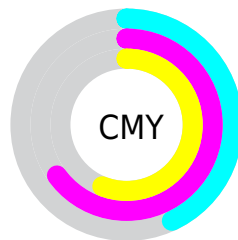
- Red (57%)
- Green (35%)
- Blue (44%)



- Red (57%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (38%)
- Yellow (24%)
- Black (43%)



- Cyan (43%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3795, 14.5710, 16.8827 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 18.3795, 14.5710, 16.8827 by changing the saturation by 10% instead.

18.3795, 14.5710,
16.8827

18.3795, 14.5710,
16.8827

236.0059,
220.7547, 246.5165

11.3241, 8.5189,
9.9898

40.2080, 34.0988,
38.9119

6.3542, 4.4287,
5.2867

55.7118, 48.3433,
54.8852

3.1043, 1.9162,
2.3548

74.7624, 66.0873,
74.7225

1.2092, 0.5581,
0.7617

97.7253, 87.7153,
98.8423

0.1136, 0.0000,
0.0000

124.9657,
113.6116, 127.6630

0.0000, 0.0000,
0.0000

156.8490,

144.1607, 161.6032

193.7407,
179.7469, 201.0816

■ 18.3795, 14.5710,
16.8827

■ 18.3795, 14.5710,
16.8827

■ 16.7898, 12.1549,
13.9991

■ 20.2633, 17.4928,
20.1179

■ 15.4771, 10.2135,
11.4535

■ 22.4545, 20.9449,
23.7160

■ 14.4247, 8.7152,
9.2324

■ 24.9670, 24.9530,
27.6887

■ 13.6130, 7.6240,
7.3211

■ 27.8135, 29.5402,
32.0469

■ 13.0196, 6.8980,
5.7031

■ 31.0062, 34.7285,
36.8012

■ 12.6001, 6.4512,
4.3543

■ 34.5562, 40.5386,
41.9615

■ 12.5377, 6.3844,
4.1540

■ 38.4746, 46.9904,
47.5375

■ 42.7718, 54.1027,
53.5386

■ 47.4576, 61.8937,
59.9737

Harmonies

Analogous

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



17.5182, 14.5710, 23.6159



18.3795, 14.5710, 16.8827



17.9283, 14.5710, 11.3540

Triad

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



18.3795, 14.5710, 16.8827



12.1685, 14.5710, 7.3951



11.6240, 14.5710, 27.6707

Complementary

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



18.3795, 14.5710, 16.8827



18.1977, 24.2126, 23.1176

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.



10.4413, 14.5710, 21.4368



18.3795, 14.5710, 16.8827



10.7321, 14.5710, 10.0285

Square

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



18.3795, 14.5710, 16.8827



14.2001, 14.5710, 6.7653



10.1323, 14.5710, 14.8897



13.5043, 14.5710, 30.7878

Rectangle

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



18.3795, 14.5710, 16.8827



16.9661, 14.5710, 8.8763



10.1323, 14.5710, 14.8897



11.1397, 14.5710, 25.8030

Sweetspot

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



18.3799, 14.5717, 16.8830



42.2517, 41.1507, 46.0404



17.2345, 13.7133, 28.9330



9.2885, 8.9775, 10.0672



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.



18.3799, 14.5717, 16.8830



29.9875, 21.9969, 25.3830



17.9318, 15.3133, 11.6843



5.8854, 5.8492, 6.5026



11.0433, 5.6224, 3.7088



0.1486, 0.0742, 0.1163

Inverse Universe

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



18.3799, 14.5717, 16.8830



29.9875, 21.9969, 25.3830



18.7056, 22.8501, 30.6190



5.8854, 5.8492, 6.5026



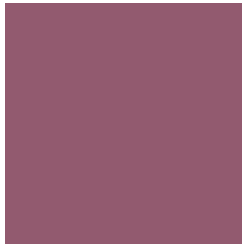
11.0433, 5.6224, 3.7088



0.1486, 0.0742, 0.1163

Previews

White Background



This preview shows how the XYZ color 18.3795, 14.5710, 16.8827 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

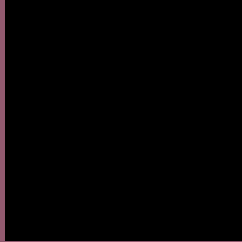
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3795, 14.5710, 16.8827

Background



This preview shows how black text looks on a background with the XYZ color 18.3795, 14.5710, 16.8827.



This preview shows how white text looks on a background with the XYZ color 18.3795, 14.5710,

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

18.3795, 14.5710, 16.8827

Protanopia

14.4309, 14.6918, 20.1644

Deuteranopia

15.0467, 14.7867, 16.5291



Tritanopia

17.7563, 14.5749, 13.6818

Trichromacy



Original Color

18.3795, 14.5710, 16.8827

Protanomaly

15.5138, 14.3918, 18.7898

Deuteranomaly

16.1784, 14.6387, 16.7247

Tritanomaly

17.8663, 14.4812, 14.6855

Monochromacy



Original Color

18.3795, 14.5710, 16.8827

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.5919, 14.7661, 16.7802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3795, 14.5710, 16.8827 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, 90, 111)` looks like.

```
.text, #text, p{  
    color:rgb(146, 90, 111)  
}
```

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, 90, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 90, 111) }
```

Border

The CSS property to change the border of an element to XYZ 18.3795, 14.5710, 16.8827 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, 90, 111) }
```


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

```
.border{ border-color:rgb(146, 90, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 90, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 90, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 90, 111);  
box-shadow:4px 4px 4px 4px rgb(146, 90,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3795, 14.5710, 16.8827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 90, 111) }
```

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

```
.background{ background-color: rgb(146, 90,  
111) }
```

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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