

Converting Colors

XYZ(18.6106, 14.5342, 16.8418)

Have a look what the booklet for
XYZ(18.6106, 14.5342, 16.8418)
contains.

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Color

**XYZ(18.6544, 14.5884,
16.8716)**

Conversions

Conversions Part 1

Format	Color
Hex	94596F
RGB	148, 89, 111
RGB Percent	58%, 35%, 44%
CMY	0.4196, 0.6510, 0.5647
CMYK	0.00, 0.40, 0.25, 0.42
HSL	338°, 25%, 46%
HSV	338°, 40%, 58%
XYZ	18.6544, 14.5884, 16.8716
YIQ	109.1490, 28.1020, 19.3500

Conversions

Conversions Part 2

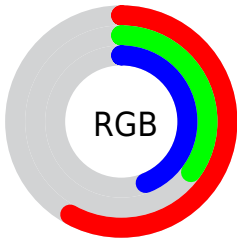
Format	Color
R_{YB}	148, 89, 111
Decimal	9722223
CIE _{Lab}	45.07, 27.36, -2.14
CIE _{LCh}	45, 27.441, 355.532
Yxy	14.5884, 0.3722, 0.2911
Android (android.graphics.Color)	4287912303 (0xFF94596F)
YUV	109.1490, 0.9125, 34.0723
Hunter-Lab	38.1948, 20.3389, 0.5464

Details

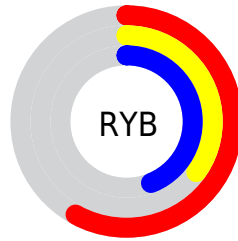
The XYZ color **18.6544, 14.5884, 16.8716** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.4763, 24.8104, 23.5550**, and the grayscale version is **14.5704, 15.3292, 16.6935**.

A 20% lighter version of the original color is **40.6175, 34.0970, 39.0909**, and **6.5140, 4.4316, 5.2147** is the 20% darker color. If you saturate the color by 10%, you get **17.0596, 12.1745, 13.9482**, and if you desaturate by 10%, it is **20.5508, 17.5201, 20.1579**.

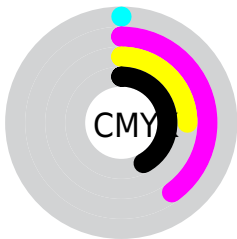
Distribution



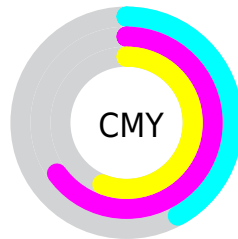
- Red (58%)
- Green (35%)
- Blue (44%)



- Red (58%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (42%)





- Cyan (42%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.6544, 14.5884, 16.8716 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 18.6544, 14.5884, 16.8716 by changing the saturation by 10% instead.


 18.6544, 14.5884,
16.8716


 18.6544, 14.5884,
16.8716


237.5091,
220.8612, 246.4502


 11.5233, 8.5310,
9.9820


 40.6707, 34.1295,
38.8925


 6.4899, 4.4366,
5.2816


 56.2867, 48.3820,
54.8609


 3.1886, 1.9207,
2.3518

 75.4616, 66.1350,
74.6926

 1.2543, 0.5608,
0.7600

 98.5610, 87.7728,
98.8062

 0.1486, 0.0000,
0.0000

 125.9500,
113.6800, 127.6202

 0.0000, 0.0000,
0.0000

157.9941,

144.2409, 161.5532

195.0587,
179.8398, 201.0237

■ 18.6544, 14.5884,
16.8716

■ 18.6544, 14.5884,
16.8716

■ 17.0596, 12.1745,
13.9482

■ 20.5508, 17.5201,
20.1579

■ 15.7485, 10.2459,
11.3733

■ 22.7627, 20.9956,
23.8190

■ 14.7035, 8.7696,
9.1328

■ 25.3048, 25.0415,
27.8671

■ 13.9039, 7.7073,
7.2110

■ 28.1902, 29.6821,
32.3137

■ 13.3260, 7.0146,
5.5908

■ 31.4317, 34.9402,
37.1697

■ 12.9120, 6.5792,
4.2428

■ 35.0409, 40.8376,
42.4457

■ 12.9068, 6.5735,
4.2258

■ 39.0293, 47.3947,
48.1518

■ 43.4077, 54.6314,
54.2978

■ 48.1866, 62.5664,
60.8930

Harmonies

Analogous

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



17.7574, 14.5884, 24.0013



18.6544, 14.5884, 16.8716



18.1588, 14.5884, 11.1098

Triad

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



18.6544, 14.5884, 16.8716



12.0793, 14.5884, 7.1062



11.5534, 14.5884, 28.4820

Complementary

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



18.6544, 14.5884, 16.8716



18.4763, 24.8104, 23.5550

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.



10.3092, 14.5884, 21.8615



18.6544, 14.5884, 16.8716



10.5889, 14.5884, 9.8410

Square

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



18.6544, 14.5884, 16.8716



14.2064, 14.5884, 6.4407



9.9761, 14.5884, 14.9363



13.5307, 14.5884, 31.7630

Rectangle

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



18.6544, 14.5884, 16.8716



17.1311, 14.5884, 8.5671



9.9761, 14.5884, 14.9363



11.0443, 14.5884, 26.4988

Sweetspot

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



18.6548, 14.5891, 16.8719



43.5284, 42.3936, 47.4088



17.4318, 13.6726, 29.7374



9.8157, 9.4847, 10.6313



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.6548, 14.5891, 16.8719



30.3340, 21.8302, 25.0513



18.1887, 15.3624, 11.4587



5.8849, 5.8490, 6.5000



11.0368, 5.6198, 3.6745



0.1485, 0.0742, 0.1157

Inverse Universe

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



18.6548, 14.5891, 16.8719



30.3340, 21.8302, 25.0513



19.0078, 23.3466, 31.5216



5.8849, 5.8490, 6.5000



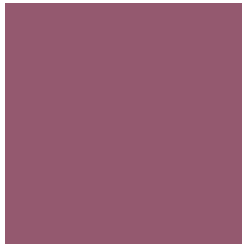
11.0368, 5.6198, 3.6745



0.1485, 0.0742, 0.1157

Previews

White Background



This preview shows how the XYZ color 18.6544, 14.5884, 16.8716 looks on a white background.

Color Contrast Check

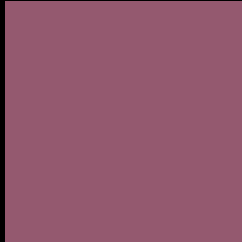
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.6544, 14.5884, 16.8716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

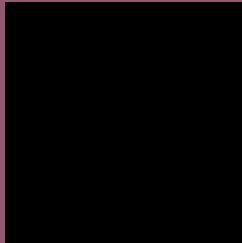
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.6544, 14.5884, 16.8716

Background



This preview shows how black text looks on a background with the XYZ color 18.6544, 14.5884, 16.8716.



This preview shows how white text looks on a background with the XYZ color 18.6544, 14.5884,

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

18.6544, 14.5884, 16.8716

Protanopia

14.4926, 14.7165, 20.4891

Deuteranopia

14.9932, 14.7652, 16.2471



Tritanopia

17.9783, 14.5671, 13.4194

Trichromacy



Original Color

18.6544, 14.5884, 16.8716

Protanomaly

15.7123, 14.4873, 19.1077

Deuteranomaly

16.1242, 14.6170, 16.4395

Tritanomaly

18.1370, 14.4946, 14.6738

Monochromacy



Original Color

18.6544, 14.5884, 16.8716

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.7342, 14.8395, 16.7869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6544, 14.5884, 16.8716 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(148, 89, 111)` looks like.

```
.text, #text, p{  
    color:rgb(148, 89, 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(148, 89, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 89, 111) }
```

Border

The CSS property to change the border of an element to XYZ 18.6544, 14.5884, 16.8716 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(148, 89, 111) }
```


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

```
.border{ border-color:rgb(148, 89, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 89, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 89, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 89, 111);  
box-shadow:4px 4px 4px 4px rgb(148, 89,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6544, 14.5884, 16.8716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 89, 111) }
```

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

```
.background{ background-color: rgb(148, 89,  
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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