

Converting Colors

XYZ(18.6592, 16.0523, 19.9916)

Have a look what the booklet for
XYZ(18.6592, 16.0523, 19.9916)
contains.

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Color

**XYZ(18.5948, 15.9594,
19.8697)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6478
RGB	139, 100, 120
RGB Percent	55%, 39%, 47%
CMY	0.4549, 0.6078, 0.5294
CMYK	0.00, 0.28, 0.14, 0.45
HSL	329°, 16%, 47%
HSV	329°, 28%, 55%
XYZ	18.5948, 15.9594, 19.8697
YIQ	113.9410, 16.8240, 14.4880

Conversions

Conversions Part 2

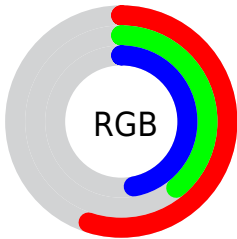
Format	Color
R_{YB}	139, 100, 120
Decimal	9135224
CIE Lab	46.92, 19.05, -4.96
CIE LCh	47, 19.683, 345.413
Yxy	15.9594, 0.3417, 0.2932
Android (android.graphics.Color)	4287325304 (0xFF8B6478)
YUV	113.9410, 2.9871, 21.9767
Hunter-Lab	39.9492, 13.1736, -1.5248

Details

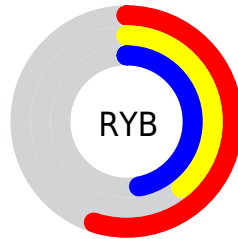
The XYZ color **18.5948, 15.9594, 19.8697** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.8186, 22.5069, 20.8590**, and the grayscale version is **15.9647, 16.7962, 18.2910**.

A 20% lighter version of the original color is **40.5053, 36.4492, 43.9303**, and **6.4673, 5.0888, 6.7723** is the 20% darker color. If you saturate the color by 10%, you get **16.9771, 13.3585, 17.3739**, and if you desaturate by 10%, it is **20.4700, 19.0283, 22.5951**.

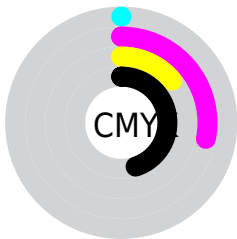
Distribution



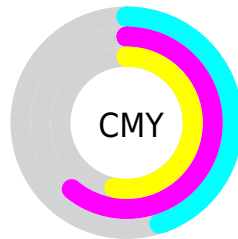
- Red (55%)
- Green (39%)
- Blue (47%)



- Red (55%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (28%)
- Yellow (14%)
- Black (45%)



- Cyan (45%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5948, 15.9594, 19.8697 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 18.5948, 15.9594, 19.8697 by changing the saturation by 10% instead.

■ 18.5948, 15.9594,
19.8697

■ 18.5948, 15.9594,
19.8697

237.1839,
229.1020, 263.7897

■ 11.4801, 9.4954,
12.1172

■ 40.5705, 36.5277,
44.0547

■ 6.4604, 5.0657,
6.7001

■ 56.1622, 51.4008,
61.3243

■ 3.1703, 2.2859,
3.1996

■ 75.3102, 69.8458,
82.6034

■ 1.2445, 0.7662,
1.1975

■ 98.3801, 92.2470,
108.3105

■ 0.1410, 0.0000,
0.0000

125.7370,
118.9888, 138.8641

■ 0.0000, 0.0000,
0.0000

157.7464,

150.4557, 174.6829

194.7735,
187.0319, 216.1852

■ 18.5948, 15.9594,
19.8697

■ 18.5948, 15.9594,
19.8697

■ 16.9771, 13.3585,
17.3739

■ 20.4700, 19.0283,
22.5951

■ 15.6034, 11.2002,
15.0998

■ 22.6126, 22.5848,
25.5558

■ 14.4609, 9.4598,
13.0402

■ 25.0336, 26.6498,
28.7584

■ 13.5352, 8.1093,
11.1872

■ 27.7431, 31.2426,
32.2090

■ 12.8100, 7.1174,
9.5321

■ 30.7507, 36.3813,
35.9133

■ 12.2666, 6.4476,
8.0653

■ 34.0653, 42.0832,
39.8769

■ 11.8661, 6.0234,
6.7703

■ 37.6956, 48.3648,
44.1053

■ 11.7938, 5.9475,
6.5344

■ 41.6500, 55.2420,
48.6036

■ 45.9364, 62.7299,
53.3769

Harmonies

Analogous

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



17.6446, 15.9594, 24.8984



18.5948, 15.9594, 19.8697



18.5807, 15.9594, 14.9826

Triad

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



18.5948, 15.9594, 19.8697



14.3080, 15.9594, 9.7607



12.9666, 15.9594, 25.0211

Complementary

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



18.5948, 15.9594, 19.8697



17.8186, 22.5069, 20.8590

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.



12.2027, 15.9594, 20.0140



18.5948, 15.9594, 19.8697



12.9364, 15.9594, 11.5471

Square

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



18.5948, 15.9594, 19.8697



16.0160, 15.9594, 9.7367



12.1920, 15.9594, 15.1021



14.3523, 15.9594, 28.2319

Rectangle

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



18.5948, 15.9594, 19.8697



18.0229, 15.9594, 12.4523



12.1920, 15.9594, 15.1021



12.6334, 15.9594, 23.4543

Sweetspot

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



18.5953, 15.9601, 19.8700



40.4464, 40.3642, 45.7002



16.8052, 14.8906, 26.4147



9.1916, 9.0870, 10.3566



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.5953, 15.9601, 19.8700



31.3141, 25.3774, 32.5510



17.5371, 15.5369, 14.2977



5.1329, 5.0886, 5.7883



10.6531, 5.3713, 5.9434



0.0782, 0.0386, 0.0784

Inverse Universe

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



18.5953, 15.9601, 19.8700



31.3141, 25.3774, 32.5510



19.1015, 23.0201, 27.6146



5.1329, 5.0886, 5.7883



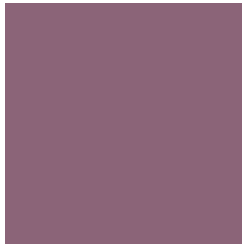
10.6531, 5.3713, 5.9434



0.0782, 0.0386, 0.0784

Previews

White Background



This preview shows how the XYZ color 18.5948, 15.9594, 19.8697 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 18.5948, 15.9594, 19.8697

Background



This preview shows how black text looks on a background with the XYZ color 18.5948, 15.9594, 19.8697.



This preview shows how white text looks on a background with the XYZ color 18.5948, 15.9594,

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

18.5948, 15.9594, 19.8697

Protanopia

15.8219, 16.1524, 22.3625

Deuteranopia

16.2403, 15.9551, 19.3632



Tritanopia

18.0471, 16.0318, 16.8951

Trichromacy



Original Color

18.5948, 15.9594, 19.8697

Protanomaly

16.6415, 15.9637, 21.2730

Deuteranomaly

16.9855, 15.8707, 19.6209

Tritanomaly

18.1722, 15.9255, 18.0357

Monochromacy



Original Color

18.5948, 15.9594, 19.8697

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.7894, 16.4092, 18.8054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5948, 15.9594, 19.8697 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(139, 100, 120)` looks like.

```
.text, #text, p{  
    color:rgb(139, 100, 120)  
}
```

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(139, 100, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 100, 120) }
```

Border

The CSS property to change the border of an element to XYZ 18.5948, 15.9594, 19.8697 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(139, 100, 120) }
```


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

```
.border{ border-color:rgb(139, 100, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 100, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 100, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 100, 120);  
box-shadow:4px 4px 4px 4px rgb(139, 100,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5948, 15.9594, 19.8697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 100, 120) }
```

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

```
.background{ background-color: rgb(139,  
100, 120) }
```

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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