

Converting Colors

XYZ(18.4808, 15.2687, 18.5714)

Have a look what the booklet for
XYZ(18.4808, 15.2687, 18.5714)
contains.

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Color

**XYZ(18.3999, 15.1962,
18.4864)**

Conversions

Conversions Part 1

Format	Color
Hex	8E5F74
RGB	142, 95, 116
RGB Percent	56%, 37%, 45%
CMY	0.4431, 0.6274, 0.5451
CMYK	0.00, 0.33, 0.18, 0.44
HSL	333°, 20%, 46%
HSV	333°, 33%, 56%
XYZ	18.3999, 15.1962, 18.4864
YIQ	111.4470, 21.2710, 16.4950

Conversions

Conversions Part 2

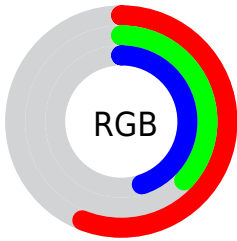
Format	Color
R_{YB}	142, 95, 116
Decimal	9330548
CIE _{Lab}	45.90, 22.42, -4.02
CIE _{LCh}	46, 22.782, 349.840
Yxy	15.1962, 0.3533, 0.2918
Android (android.graphics.Color)	4287520628 (0xFF8E5F74)
YUV	111.4470, 2.2446, 26.7950
Hunter-Lab	38.9823, 16.0341, -0.8292

Details

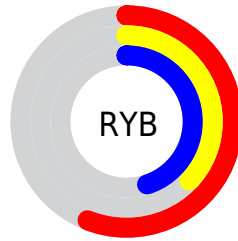
The XYZ color **18.3999, 15.1962, 18.4864** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.8441, 23.1597, 21.6200**, and the grayscale version is **15.2291, 16.0222, 17.4482**.

A 20% lighter version of the original color is **40.3727, 35.2552, 41.7229**, and **6.4147, 4.7554, 6.0486** is the 20% darker color. If you saturate the color by 10%, you get **16.7977, 12.6924, 15.7924**, and if you desaturate by 10%, it is **20.2748, 18.1833, 21.4624**.

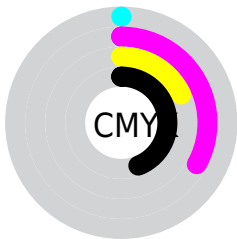
Distribution



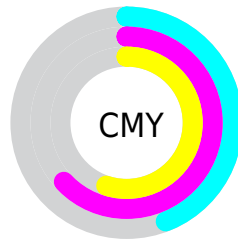
- Red (56%)
- Green (37%)
- Blue (45%)



- Red (56%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (18%)
- Black (44%)



- Cyan (44%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3999, 15.1962, 18.4864 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 18.3999, 15.1962, 18.4864 by changing the saturation by 10% instead.

■ 18.3999, 15.1962,
18.4864

■ 18.3999, 15.1962,
18.4864

236.1178,
224.5507, 255.9261

■ 11.3389, 8.9572,
11.1267

■ 40.2423, 35.1970,
41.6895

■ 6.3642, 4.7133,
6.0369

■ 55.7545, 49.7276,
58.3700

■ 3.1105, 2.0800,
2.7984

■ 74.8144, 67.7908,
78.9945

■ 1.2125, 0.6534,
0.9926

■ 97.7874, 89.7711,
103.9815

■ 0.1162, 0.0000,
0.0000

125.0389,
116.0529, 133.7497

■ 0.0000, 0.0000,
0.0000

156.9342,

147.0205, 168.7174

193.8387,
183.0583, 209.3034

■ 18.3999, 15.1962,
18.4864

■ 18.3999, 15.1962,
18.4864

■ 16.7977, 12.6924,
15.7924

■ 20.2748, 18.1833,
21.4624

■ 15.4533, 10.6439,
13.3701

■ 22.4337, 21.6752,
24.7281

■ 14.3522, 9.0233,
11.2101

■ 24.8889, 25.6951,
28.2921

■ 13.4779, 7.7993,
9.3017

■ 27.6516, 30.2636,
32.1625

■ 12.8118, 6.9361,
7.6333

■ 30.7322, 35.4007,
36.3469

■ 12.3318, 6.3916,
6.1922

■ 34.1408, 41.1250,
40.8525

■ 12.0650, 6.1146,
5.3120

■ 37.8870, 47.4544,
45.6864

■ 41.9800, 54.4062,
50.8556

■ 46.4285, 61.9966,
56.3666

Harmonies

Analogous

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



17.4596, 15.1962, 24.3634



18.3999, 15.1962, 18.4864



18.2107, 15.1962, 13.2042

Triad

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



18.3999, 15.1962, 18.4864



13.2239, 15.1962, 8.4465



12.1865, 15.1962, 26.0367

Complementary

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



18.3999, 15.1962, 18.4864



17.8441, 23.1597, 21.6200

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.



11.2354, 15.1962, 20.4091



18.3999, 15.1962, 18.4864



11.7965, 15.1962, 10.6102

Square

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



18.3999, 15.1962, 18.4864



15.1060, 15.1962, 8.1544



11.0993, 15.1962, 14.7465



13.8007, 15.1962, 29.3206

Rectangle

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



18.3999, 15.1962, 18.4864



17.4746, 15.1962, 10.6439



11.0993, 15.1962, 14.7465



11.7849, 15.1962, 24.3048

Sweetspot

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



18.4003, 15.1969, 18.4867



40.7557, 40.1722, 45.3662



16.8395, 14.1924, 27.4431



8.9880, 8.7850, 9.9640



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.



18.4003, 15.1969, 18.4867



30.2204, 23.3097, 28.8816



17.5285, 15.1920, 12.8359



5.5027, 5.4616, 6.1454



10.8416, 5.4936, 4.8170



0.1145, 0.0569, 0.1031

Inverse Universe

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



18.4003, 15.1969, 18.4867



30.2204, 23.3097, 28.8816



18.9293, 23.0402, 29.0407



5.5027, 5.4616, 6.1454



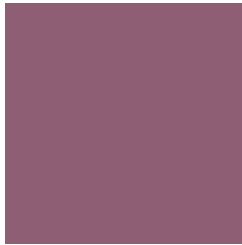
10.8416, 5.4936, 4.8170



0.1145, 0.0569, 0.1031

Previews

White Background



This preview shows how the XYZ color 18.3999, 15.1962, 18.4864 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 18.3999, 15.1962, 18.4864

Background



This preview shows how black text looks on a background with the XYZ color 18.3999, 15.1962, 18.4864.



This preview shows how white text looks on a background with the XYZ color 18.3999, 15.1962,

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

18.3999, 15.1962, 18.4864

Protanopia

14.9445, 15.2445, 21.2236

Deuteranopia

15.5274, 15.3049, 18.0553



Tritanopia

17.7579, 15.2116, 15.0969

Trichromacy



Original Color

18.3999, 15.1962, 18.4864

Protanomaly

15.9092, 15.0029, 20.1465

Deuteranomaly

16.4501, 15.1762, 18.2819

Tritanomaly

17.8742, 15.1112, 16.1620

Monochromacy



Original Color

18.3999, 15.1962, 18.4864

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.0583, 15.4330, 17.7553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3999, 15.1962, 18.4864 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(142, 95, 116)` looks like.

```
.text, #text, p{  
    color:rgb(142, 95, 116)  
}
```

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(142, 95, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 95, 116) }
```

Border

The CSS property to change the border of an element to XYZ 18.3999, 15.1962, 18.4864 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(142, 95, 116) }
```


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

```
.border{ border-color:rgb(142, 95, 116) }
```

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

Here you see how a box with a 4 pixel rgb(142, 95, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 95, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 95, 116);  
box-shadow:4px 4px 4px 4px rgb(142, 95,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3999, 15.1962, 18.4864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 95, 116) }
```

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

```
.background{ background-color: rgb(142, 95,  
116) }
```

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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