

Converting Colors

XYZ(17.5411, 15.4436, 18.5794)

Have a look what the booklet for
XYZ(17.5411, 15.4436, 18.5794)
contains.

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Color

**XYZ(17.5411, 15.4436,
18.5794)**

Conversions

Conversions Part 1

Format	Color
Hex	866474
RGB	134, 100, 116
RGB Percent	53%, 39%, 45%
CMY	0.4745, 0.6078, 0.5451
CMYK	0.00, 0.25, 0.13, 0.47
HSL	332°, 15%, 46%
HSV	332°, 25%, 53%
XYZ	17.5411, 15.4436, 18.5794
YIQ	111.9900, 15.1280, 12.1840

Conversions

Conversions Part 2

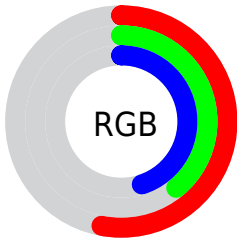
Format	Color
R_{YB}	134, 100, 116
Decimal	8807540
CIE Lab	46.24, 16.41, -3.63
CIE LCh	46, 16.809, 347.535
Yxy	15.4436, 0.3402, 0.2995
Android (android.graphics.Color)	4286997620 (0xFF866474)
YUV	111.9900, 1.9769, 19.3028
Hunter-Lab	39.2983, 10.9027, -0.5222

Details

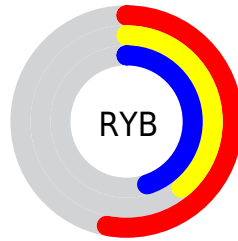
The XYZ color **17.5411, 15.4436, 18.5794** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.0513, 21.0680, 20.3084**, and the grayscale version is **15.3898, 16.1913, 17.6323**.

A 20% lighter version of the original color is **38.8735, 35.6517, 41.8784**, and **5.9726, 4.8484, 6.0899** is the 20% darker color. If you saturate the color by 10%, you get **15.9631, 12.9228, 16.0945**, and if you desaturate by 10%, it is **19.3630, 18.4013, 21.3015**.

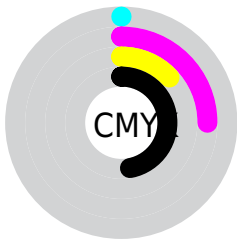
Distribution



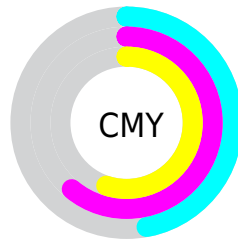
- Red (53%)
- Green (39%)
- Blue (45%)



- Red (53%)
- Yellow (39%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (13%)
- Black (47%)



- Cyan (47%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5411, 15.4436, 18.5794 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 17.5411, 15.4436, 18.5794 by changing the saturation by 10% instead.

■ 17.5411, 15.4436,
18.5794

■ 17.5411, 15.4436,
18.5794

231.3675,
226.0357, 256.4617

■ 10.7187, 9.1313,
11.1930

■ 38.7900, 35.6295,
41.8494

■ 5.9439, 4.8269,
6.0810

■ 53.9473, 50.2719,
58.5700

■ 2.8513, 2.1461,
2.8248

■ 72.6136, 68.4599,
79.2392

■ 1.0756, 0.6904,
1.0059

■ 95.1542, 90.5777,
104.2754

■ 0.0046, 0.0000,
0.0000

121.9346,
117.0098, 134.0973

■ 0.0000, 0.0000,
0.0000

153.3200,

148.1406, 169.1232

189.6759,
184.3544, 209.7719

■ 17.5411, 15.4436,
18.5794

■ 17.5411, 15.4436,
18.5794

■ 15.9631, 12.9228,
16.0945

■ 19.3630, 18.4013,
21.3015

■ 14.6165, 10.8158,
13.8387

■ 21.4377, 21.8132,
24.2665

■ 13.4899, 9.1006,
11.8047

■ 23.7753, 25.6984,
27.4813

■ 12.5703, 7.7523,
9.9845

■ 26.3850, 30.0741,
30.9521

■ 11.8431, 6.7433,
8.3694

■ 29.2755, 34.9569,
34.6848

■ 11.2919, 6.0416,
6.9498

■ 32.4551, 40.3624,
38.6852

■ 10.8923, 5.6004,
5.7135

■ 35.9319, 46.3055,
42.9588

■ 10.7304, 5.4279,
5.1927

■ 39.7133, 52.8006,
47.5110

■ 43.8068, 59.8616,
52.3470

Harmonies

Analogous

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



16.8097, 15.4436, 22.7347



17.5411, 15.4436, 18.5794



17.4700, 15.4436, 14.5452

Triad

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



17.5411, 15.4436, 18.5794



13.8629, 15.4436, 10.3498



12.8935, 15.4436, 23.3445

Complementary

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



17.5411, 15.4436, 18.5794



17.0513, 21.0680, 20.3084

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.



12.2017, 15.4436, 19.3105



17.5411, 15.4436, 18.5794



12.7358, 15.4436, 12.0247

Square

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



17.5411, 15.4436, 18.5794



15.2823, 15.4436, 10.2194



12.1459, 15.4436, 15.1668



14.0911, 15.4436, 25.7719

Rectangle

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



17.5411, 15.4436, 18.5794



16.9772, 15.4436, 12.4458



12.1459, 15.4436, 15.1668



12.5976, 15.4436, 22.1040

Sweetspot

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



17.5415, 15.4443, 18.5797



36.6993, 36.6634, 41.2456



16.2734, 14.6576, 24.5261



8.1562, 8.0757, 9.1334



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.5415, 15.4443, 18.5797



29.3831, 24.7681, 30.3683



16.7441, 15.2126, 14.1112



4.7570, 4.7225, 5.3327



10.0612, 5.0888, 4.8944



0.0385, 0.0191, 0.0361

Inverse Universe

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



17.5415, 15.4443, 18.5797



29.3831, 24.7681, 30.3683



18.0061, 21.3250, 25.7217



4.7570, 4.7225, 5.3327



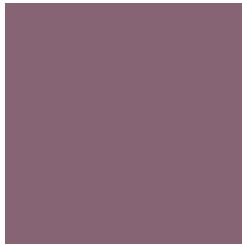
10.0612, 5.0888, 4.8944



0.0385, 0.0191, 0.0361

Previews

White Background



This preview shows how the XYZ color 17.5411, 15.4436, 18.5794 looks on a white background.

Color Contrast Check

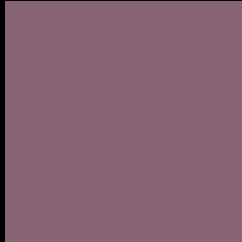
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5411, 15.4436, 18.5794 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 17.5411, 15.4436, 18.5794

Background



This preview shows how black text looks on a background with the XYZ color 17.5411, 15.4436, 18.5794.



This preview shows how white text looks on a background with the XYZ color 17.5411, 15.4436,

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

17.5411, 15.4436, 18.5794

Protanopia

15.1658, 15.5306, 20.6107

Deuteranopia

15.7198, 15.3974, 18.3631



Tritanopia

17.0869, 15.3980, 16.5395

Trichromacy



Original Color

17.5411, 15.4436, 18.5794

Protanomaly

15.8803, 15.4460, 19.9137

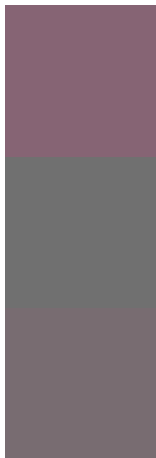
Deuteranomaly

16.3570, 15.4235, 18.3346

Tritanomaly

17.2512, 15.4638, 17.4048

Monochromacy



Original Color

17.5411, 15.4436, 18.5794

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.0889, 15.9104, 17.8458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5411, 15.4436, 18.5794 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(134, 100, 116)` looks like.

```
.text, #text, p{  
    color:rgb(134, 100, 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(134, 100, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 100, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.5411, 15.4436, 18.5794 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(134, 100, 116) }
```


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

```
.border{ border-color:rgb(134, 100, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 100, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 100, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 100, 116);  
box-shadow:4px 4px 4px 4px rgb(134, 100,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5411, 15.4436, 18.5794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 100, 116) }
```

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

```
.background{ background-color: rgb(134,  
100, 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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