

Converting Colors

XYZ(15.9259, 11.7678, 17.8482)

Have a look what the booklet for
XYZ(15.9259, 11.7678, 17.8482)
contains.

XYZ(15.9596, 11.8029, 17.9600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.9596, 11.8029,
17.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	884D74
RGB	136, 77, 116
RGB Percent	53%, 30%, 45%
CMY	0.4667, 0.6980, 0.5451
CMYK	0.00, 0.43, 0.15, 0.47
HSL	320°, 28%, 42%
HSV	320°, 43%, 53%
XYZ	15.9596, 11.8029, 17.9600
YIQ	99.0870, 22.6450, 24.6370

Conversions

Conversions Part 2

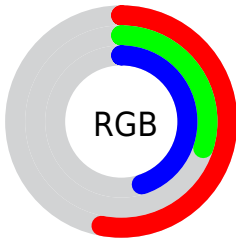
Format	Color
R_{YB}	136, 77, 116
Decimal	8932724
CIE _{Lab}	40.90, 30.58, -11.58
CIE _{LCh}	41, 32.700, 339.261
Yxy	11.8029, 0.3491, 0.2581
Android (android.graphics.Color)	4287122804 (0xFF884D74)
YUV	99.0870, 8.3381, 32.3727
Hunter-Lab	34.3553, 22.7994, -6.9464

Details

The XYZ color **15.9596, 11.8029, 17.9600** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **14.0229, 20.0496, 14.4410**, and the grayscale version is **11.8576, 12.4751, 13.5854**.

A 20% lighter version of the original color is **36.1431, 29.0823, 40.7543**, and **5.1389, 3.1809, 5.8120** is the 20% darker color. If you saturate the color by 10%, you get **14.8441, 9.9904, 16.2977**, and if you desaturate by 10%, it is **17.2881, 14.0197, 19.7592**.

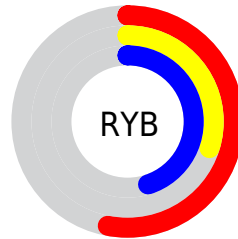
Distribution



Red (53%)

Green (30%)

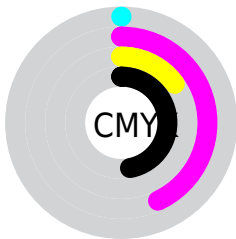
Blue (45%)



Red (53%)

Yellow (30%)

Blue (45%)

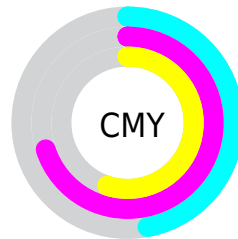


Cyan (0%)

Magenta (43%)

Yellow (15%)

Black (47%)



Cyan (47%)

Magenta (70%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9596, 11.8029, 17.9600 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 15.9596, 11.8029, 17.9600 by changing the saturation by 10% instead.

15.9596, 11.8029,
17.9600

15.9596, 11.8029,
17.9600

222.3783,
203.0960, 252.8740

9.5862, 6.6096,
10.7521

36.0861, 29.1356,
40.7822

5.1856, 3.2192,
5.7883

50.5699, 42.0438,
57.2336

2.3925, 1.2472,
2.6501

68.4879, 58.2925,
77.6032

0.8414, 0.0998,
0.9182

90.2054, 78.2660,
102.3096

0.0000, 0.0000,
0.0000

116.0879,
102.3487, 131.7714

146.5006,

130.9250, 166.4070

181.8090,
164.3793, 206.6350

■ 15.9596, 11.8029,
17.9600

■ 15.9596, 11.8029,
17.9600

■ 14.8441, 9.9904,
16.2977

■ 17.2881, 14.0197,
19.7592

■ 13.9279, 8.5556,
14.7665

■ 18.8401, 16.6622,
21.6994

■ 13.1972, 7.4710,
13.3609

■ 20.6267, 19.7521,
23.7853

■ 12.6358, 6.7050,
12.0745

■ 22.6580, 23.3091,
26.0212

■ 12.2247, 6.2191,
10.9000

■ 24.9434, 27.3518,
28.4110

■ 11.9945, 5.9707,
10.1700

■ 27.4918, 31.8978,
30.9587

■ 30.3117, 36.9637,
33.6677

■ 33.4112, 42.5655,
36.5418

■ 36.7980, 48.7184,
39.5842

Harmonies

Analogous

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



14.3043, 11.8029, 25.5898



15.9596, 11.8029, 17.9600



16.2552, 11.8029, 10.8921

Triad

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



15.9596, 11.8029, 17.9600



10.5115, 11.8029, 3.8831



8.0904, 11.8029, 22.8201

Complementary

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



15.9596, 11.8029, 17.9600



14.0229, 20.0496, 14.4410

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.



7.3469, 11.8029, 15.0325



15.9596, 11.8029, 17.9600



8.6115, 11.8029, 5.2485

Square

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



15.9596, 11.8029, 17.9600



12.8834, 11.8029, 4.1903



7.5235, 11.8029, 8.8169



9.7033, 11.8029, 29.0048

Rectangle

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



15.9596, 11.8029, 17.9600



15.6058, 11.8029, 7.5378



7.5235, 11.8029, 8.8169



7.7415, 11.8029, 20.2116

Sweetspot

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



15.9600, 11.8035, 17.9602



36.3831, 34.8663, 41.9538



11.9926, 9.6090, 24.5155



8.2742, 7.8108, 9.5433



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.9600, 11.8035, 17.9602



26.2047, 17.6782, 28.7922



14.5212, 11.2279, 10.3836



5.1630, 5.1006, 5.9468



11.3567, 5.6528, 9.6489



0.0823, 0.0403, 0.1002

Inverse Universe

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



15.9600, 11.8035, 17.9602



26.2047, 17.6782, 28.7922



15.6418, 20.6971, 22.9660



5.1630, 5.1006, 5.9468



11.3567, 5.6528, 9.6489



0.0823, 0.0403, 0.1002

Previews

White Background



This preview shows how the XYZ color 15.9596, 11.8029, 17.9600 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 15.9596, 11.8029, 17.9600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

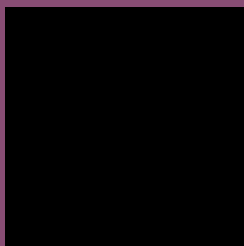
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9596, 11.8029, 17.9600

Background



This preview shows how black text looks on a background with the XYZ color 15.9596, 11.8029, 17.9600.



This preview shows how white text looks on a background with the XYZ color 15.9596, 11.8029,

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

15.9596, 11.8029, 17.9600

Protanopia

12.1698, 12.0254, 22.4486

Deuteranopia

12.2184, 12.0293, 17.3007



Tritanopia

14.4933, 11.7424, 10.9538

Trichromacy



Original Color

15.9596, 11.8029, 17.9600

Protanomaly

13.0362, 11.6033, 20.6214

Deuteranomaly

13.2091, 11.6391, 17.4700

Tritanomaly

14.9523, 11.7065, 13.2759

Monochromacy



Original Color

15.9596, 11.8029, 17.9600

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.9730, 11.9468, 14.9868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9596, 11.8029, 17.9600 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(136, 77, 116)` looks like.

```
.text, #text, p{  
    color:rgb(136, 77, 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(136, 77, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 77, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.9596, 11.8029, 17.9600 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(136, 77, 116) }
```


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

```
.border{ border-color:rgb(136, 77, 116) }
```

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

Here you see how a box with a 4 pixel rgb(136, 77, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 77, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 77, 116);  
box-shadow:4px 4px 4px 4px rgb(136, 77,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9596, 11.8029, 17.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 77, 116) }
```

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

```
.background{ background-color: rgb(136, 77,  
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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