

Converting Colors

XYZ(18.9306, 15.6241, 18.7110)

Have a look what the booklet for
XYZ(18.9306, 15.6241, 18.7110)
contains.

XYZ(18.8954, 15.5794, 18.8409)	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(18.8954, 15.5794,
18.8409)**

Conversions

Conversions Part 1

Format	Color
Hex	906075
RGB	144, 96, 117
RGB Percent	56%, 38%, 46%
CMY	0.4353, 0.6235, 0.5412
CMYK	0.00, 0.33, 0.19, 0.44
HSL	334°, 20%, 47%
HSV	334°, 33%, 56%
XYZ	18.8954, 15.5794, 18.8409
YIQ	112.7460, 21.8670, 16.7070

Conversions

Conversions Part 2

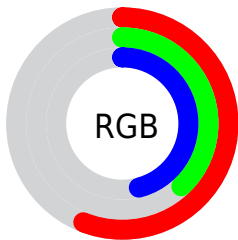
Format	Color
R_{YB}	144, 96, 117
Decimal	9461877
CIE _{Lab}	46.42, 22.77, -3.83
CIE _{LCh}	46, 23.094, 350.448
Yxy	15.5794, 0.3544, 0.2922
Android (android.graphics.Color)	4287651957 (0xFF906075)
YUV	112.7460, 2.0972, 27.4098
Hunter-Lab	39.4707, 16.3775, -0.6719

Details

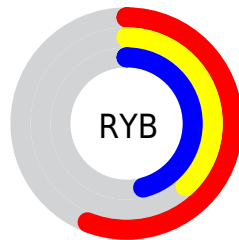
The XYZ color **18.8954, 15.5794, 18.8409** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.3730, 23.8639, 22.3778**, and the grayscale version is **15.6107, 16.4236, 17.8853**.

A 20% lighter version of the original color is **41.1483, 35.8741, 42.2918**, and **6.5861, 4.9016, 6.2292** is the 20% darker color. If you saturate the color by 10%, you get **17.2441, 13.0063, 16.0415**, and if you desaturate by 10%, it is **20.8294, 18.6518, 21.9383**.

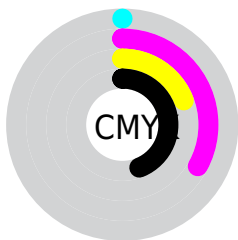
Distribution



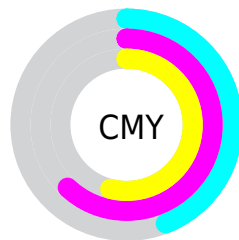
- Red (56%)
- Green (38%)
- Blue (46%)



- Red (56%)
- Yellow (38%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (19%)
- Black (44%)



- Cyan (44%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8954, 15.5794, 18.8409 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 18.8954, 15.5794, 18.8409 by changing the saturation by 10% instead.

18.8954, 15.5794,
18.8409

18.8954, 15.5794,
18.8409

238.8199,
226.8469, 257.9624

11.6983, 9.2270,
11.3797

41.0755, 35.8665,
42.2982

6.6093, 4.8896,
6.2055

56.7892, 50.5699,
59.1314

3.2631, 2.1826,
2.8996

76.0725, 68.8259,
79.9257

1.2944, 0.7105,
1.0436

99.2907, 91.0188,
105.0996

0.1790, 0.0000,
0.0000

126.8092,
117.5329, 135.0717

0.0000, 0.0000,
0.0000

158.9933,

148.7527, 170.2605

196.2084,
185.0626, 211.0846

■ 18.8954, 15.5794,
18.8409

■ 18.8954, 15.5794,
18.8409

■ 17.2441, 13.0063,
16.0415

■ 20.8294, 18.6518,
21.9383

■ 15.8602, 10.9036,
13.5292

■ 23.0581, 22.2460,
25.3421

■ 14.7284, 9.2427,
11.2940


■ 25.5941, 26.3858,
29.0614


■ 13.8316, 7.9910,
9.3244


■ 28.4491, 31.0928,
33.1047


■ 13.1503, 7.1115,
7.6082


■ 31.6339, 36.3876,
37.4802


 12.6615, 6.5601,
6.1316

 35.1592, 42.2896,
42.1957

 12.3988, 6.2882,
5.2623

 39.0347, 48.8174,
47.2587

 43.2700, 55.9887,
52.6765

 47.8745, 63.8206,
58.4562

Harmonies

Analogous

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



17.9468, 15.5794, 24.9111



18.8954, 15.5794, 18.8409



18.6758, 15.5794, 13.4270

Triad

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



18.8954, 15.5794, 18.8409



13.5151, 15.5794, 8.6503



12.5099, 15.5794, 26.8539

Complementary

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



18.8954, 15.5794, 18.8409



18.3730, 23.8639, 22.3778

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.



11.5145, 15.5794, 21.0717



18.8954, 15.5794, 18.8409



12.0579, 15.5794, 10.9162

Square

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



18.8954, 15.5794, 18.8409



15.4496, 15.5794, 8.3122



11.3567, 15.5794, 15.2148



14.1839, 15.5794, 30.1725

Rectangle

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



18.8954, 15.5794, 18.8409



17.9033, 15.5794, 10.8190



11.3567, 15.5794, 15.2148



12.0913, 15.5794, 25.0804

Sweetspot

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



18.8958, 15.5801, 18.8412



42.0078, 41.4136, 46.6873



17.3004, 14.5470, 28.2818



9.5081, 9.2933, 10.5211



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.8958, 15.5801, 18.8412



31.1004, 23.9996, 29.4847



18.0187, 15.5850, 13.1257



5.5007, 5.4608, 6.1348



10.8085, 5.4804, 4.6427



0.1141, 0.0567, 0.1010

Inverse Universe

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



18.8958, 15.5801, 18.8412



31.1004, 23.9996, 29.4847



19.4721, 23.7281, 29.9395



5.5007, 5.4608, 6.1348



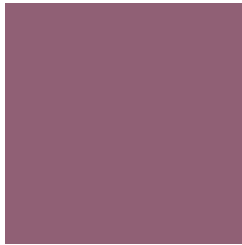
10.8085, 5.4804, 4.6427



0.1141, 0.0567, 0.1010

Previews

White Background



This preview shows how the XYZ color 18.8954, 15.5794, 18.8409 looks on a white background.

Color Contrast Check

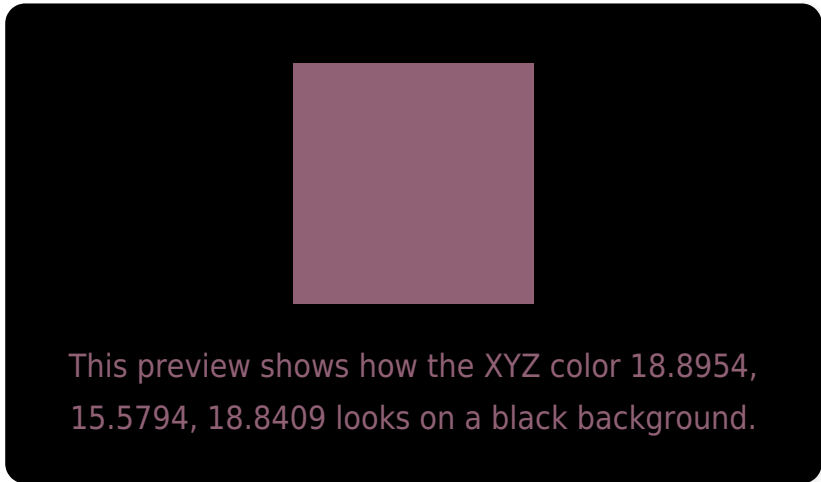
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.8954, 15.5794, 18.8409

Background



This preview shows how black text looks on a background with the XYZ color 18.8954, 15.5794, 18.8409.



This preview shows how white text looks on a background with the XYZ color 18.8954, 15.5794,

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

18.8954, 15.5794, 18.8409

Protanopia

15.3547, 15.6061, 21.6050

Deuteranopia

15.9600, 15.6751, 18.4041



Tritanopia

18.2452, 15.5949, 15.4131

Trichromacy



Original Color

18.8954, 15.5794, 18.8409

Protanomaly

16.3483, 15.3707, 20.5175

Deuteranomaly

16.9047, 15.5506, 18.6336

Tritanomaly

18.3627, 15.4932, 16.4907

Monochromacy



Original Color

18.8954, 15.5794, 18.8409

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.6071, 16.0154, 18.1356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8954, 15.5794, 18.8409 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(144, 96, 117)` looks like.

```
.text, #text, p{  
    color:rgb(144, 96, 117)  
}
```

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(144, 96, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 96, 117) }
```

Border

The CSS property to change the border of an element to XYZ 18.8954, 15.5794, 18.8409 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(144, 96, 117) }
```


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

```
.border{ border-color:rgb(144, 96, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 96, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 96, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 96, 117);  
box-shadow:4px 4px 4px 4px rgb(144, 96,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8954, 15.5794, 18.8409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 96, 117) }
```

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

```
.background{ background-color: rgb(144, 96,  
117) }
```

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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