

Converting Colors

XYZ(18.7759, 18.7916, 9.8453)

Have a look what the booklet for
XYZ(18.7759, 18.7916, 9.8453)
contains.

XYZ(18.7759, 18.7916, 9.8453)	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(18.7759, 18.7916,
9.8453)**

Conversions

Conversions Part 1

Format	Color
Hex	8E744E
RGB	142, 116, 78
RGB Percent	56%, 45%, 31%
CMY	0.4431, 0.5451, 0.6941
CMYK	0.00, 0.18, 0.45, 0.44
HSL	36°, 29%, 43%
HSV	36°, 45%, 56%
XYZ	18.7759, 18.7916, 9.8453
YIQ	119.4420, 27.6940, -6.3060

Conversions

Conversions Part 2

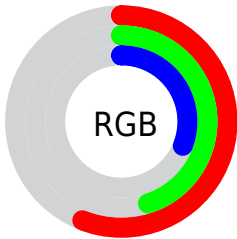
Format	Color
R_{YB}	122, 142, 78
Decimal	9335886
CIE Lab	50.44, 4.81, 24.79
CIE LCh	50, 25.251, 79.020
Yxy	18.7916, 0.3960, 0.3963
Android (android.graphics.Color)	4287525966 (0xFF8E744E)
YUV	119.4420, -20.4309, 19.7834
Hunter-Lab	43.3493, 1.4526, 16.8788

Details

The XYZ color **18.7759, 18.7916, 9.8453** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.9746, 13.4730, 27.5080**, and the grayscale version is **17.7319, 18.6553, 20.3156**.

A 20% lighter version of the original color is **40.9249, 41.4341, 26.2627**, and **6.5581, 6.4177, 2.3319** is the 20% darker color. If you saturate the color by 10%, you get **17.6765, 17.3214, 7.2326**, and if you desaturate by 10%, it is **20.0275, 20.3901, 13.0516**.

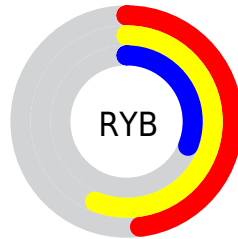
Distribution



Red (56%)

Green (45%)

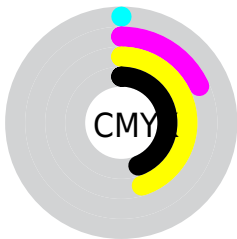
Blue (31%)



Red (48%)

Yellow (56%)

Blue (31%)

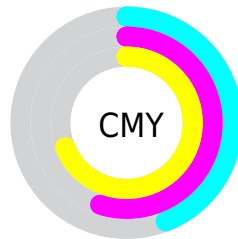


Cyan (0%)

Magenta (18%)

Yellow (45%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7759, 18.7916, 9.8453 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 18.7759, 18.7916, 9.8453 by changing the saturation by 10% instead.

■ 18.7759, 18.7916,
9.8453

■ 18.7759, 18.7916,
9.8453

238.1707,
245.2959, 200.0089

■ 11.6115, 11.5198,
5.1922

■ 40.8749, 41.3817,
26.1074

■ 6.5500, 6.4176,
2.2998

■ 56.5402, 57.4687,
38.5535

■ 3.2261, 3.1006,
0.7311

■ 75.7698, 77.2629,
54.4343

■ 1.2744, 1.1845,
0.0000

■ 98.9292, 101.1487,
74.1685

■ 0.1640, 0.0490,
0.0000

■ 126.3836,
129.5106, 98.1745

■ 0.0000, 0.0000,
0.0000

158.4984,

162.7327, 126.8708

195.6390,
201.1997, 160.6761

■ 18.7759, 18.7916,
9.8453

■ 18.7759, 18.7916,
9.8453

■ 17.6765, 17.3214,
7.2326

■ 20.0275, 20.3901,
13.0516

■ 16.7200, 15.9726,
5.1745

■ 21.4371, 22.1183,
16.8848

■ 15.8981, 14.7413,
3.6290

■ 23.0119, 23.9810,
21.3772

■ 15.2009, 13.6223,
2.5475

■ 24.7582, 25.9818,
26.5585

■ 14.6151, 12.6090,
1.8645

■ 26.6819, 28.1240,
32.4566

■ 14.3505, 12.1411,
1.5871

■ 28.7886, 30.4110,
39.0977

■ 31.0837, 32.8460,
46.5067

■ 33.5722, 35.4320,
54.7076

■ 36.2591, 38.1719,
63.7231

Harmonies

Analogous

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



21.1417, 18.7916, 11.8520



18.7759, 18.7916, 9.8453



16.3650, 18.7916, 10.1499

Triad

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



18.7759, 18.7916, 9.8453



13.7564, 18.7916, 25.1945



21.6701, 18.7916, 30.6783

Complementary

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



18.7759, 18.7916, 9.8453



12.9746, 13.4730, 27.5080

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.



19.4451, 18.7916, 36.1030



18.7759, 18.7916, 9.8453



14.9383, 18.7916, 32.4692

Square

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



18.7759, 18.7916, 9.8453



13.6129, 18.7916, 17.9904



16.9760, 18.7916, 36.8247



22.9117, 18.7916, 23.1477

Rectangle

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



18.7759, 18.7916, 9.8453



15.0485, 18.7916, 11.6464



16.9760, 18.7916, 36.8247



21.0034, 18.7916, 32.8757

Sweetspot

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



18.7764, 18.7925, 9.8457



40.8081, 42.5542, 38.3638



16.4126, 12.2129, 14.7675



8.9898, 9.3593, 8.2056



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.



18.7764, 18.7925, 9.8457



31.1613, 30.5316, 12.7323



21.3102, 25.1864, 10.9463



5.6583, 5.9228, 5.7344



12.9029, 10.9376, 1.4311



0.1451, 0.1480, 0.0209

Inverse Universe

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



12.9746, 13.4730, 27.5080



19.6063, 19.9485, 47.9450



11.2039, 9.2562, 26.7874



5.2982, 5.5922, 6.8289



5.7451, 4.4763, 23.5383



0.0756, 0.0842, 0.2319

Previews

White Background



This preview shows how the XYZ color 18.7759, 18.7916, 9.8453 looks on a white 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

Black Background



This preview shows how the XYZ color 18.7759, 18.7916, 9.8453 looks on a black 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

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

XYZ 18.7759, 18.7916, 9.8453

Background



This preview shows how black text looks on a background with the XYZ color 18.7759, 18.7916, 9.8453.



This preview shows how white text looks on a background with the XYZ color 18.7759, 18.7916,

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

18.7759, 18.7916, 9.8453

Protanopia

17.3704, 18.7580, 10.2945

Deuteranopia

19.1829, 18.8313, 9.8315



Tritanopia

20.8683, 18.8118, 19.9839

Trichromacy



Original Color

18.7759, 18.7916, 9.8453

Protanomaly

17.8396, 18.8265, 10.0908

Deuteranomaly

19.0075, 18.7408, 9.8233

Tritanomaly

20.0809, 18.8295, 15.6728

Monochromacy



Original Color

18.7759, 18.7916, 9.8453

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.7295, 18.4684, 15.7270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7759, 18.7916, 9.8453 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, 116, 78)` looks like.

```
.text, #text, p{  
    color:rgb(142, 116, 78)  
}
```

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, 116, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 116, 78) }
```

Border

The CSS property to change the border of an element to XYZ 18.7759, 18.7916, 9.8453 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, 116, 78) }
```


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

```
.border{ border-color:rgb(142, 116, 78) }
```

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

Here you see how a box with a 4 pixel rgb(142, 116, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 116, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 116, 78);  
box-shadow:4px 4px 4px 4px rgb(142, 116,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7759, 18.7916, 9.8453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 116, 78) }
```

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

```
.background{ background-color: rgb(142,  
116, 78) }
```

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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