

Converting Colors

XYZ(18.9126, 18.8006, 18.8743)

Have a look what the booklet for
XYZ(18.9126, 18.8006, 18.8743)
contains.

XYZ(18.9715, 18.8659, 18.8612)	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(18.9715, 18.8659,
18.8612)**

Conversions

Conversions Part 1

Format	Color
Hex	847573
RGB	132, 117, 115
RGB Percent	52%, 46%, 45%
CMY	0.4824, 0.5412, 0.5490
CMYK	0.00, 0.11, 0.13, 0.48
HSL	7°, 7%, 48%
HSV	7°, 13%, 52%
XYZ	18.9715, 18.8659, 18.8612
YIQ	121.2570, 9.5820, 2.5580

Conversions

Conversions Part 2

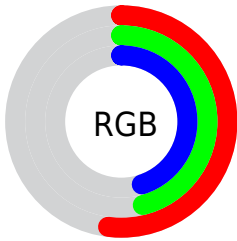
Format	Color
R_{YB}	132, 117, 115
Decimal	8680819
CIE _{Lab}	50.53, 5.44, 3.22
CIE _{LCh}	51, 6.321, 30.601
Yxy	18.8659, 0.3346, 0.3327
Android (android.graphics.Color)	4286870899 (0xFF847573)
YUV	121.2570, -3.0847, 9.4216
Hunter-Lab	43.4349, 1.9542, 4.6583

Details

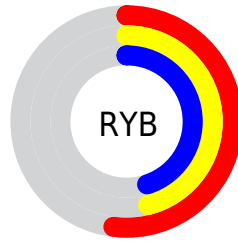
The XYZ color **18.9715, 18.8659, 18.8612** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.2176, 21.2756, 24.9237**, and the grayscale version is **18.2650, 19.2162, 20.9264**.

A 20% lighter version of the original color is **41.1706, 41.4802, 42.3958**, and **6.6209, 6.4553, 6.2072** is the 20% darker color. If you saturate the color by 10%, you get **16.9923, 16.0372, 14.7185**, and if you desaturate by 10%, it is **21.2293, 22.0774, 23.6339**.

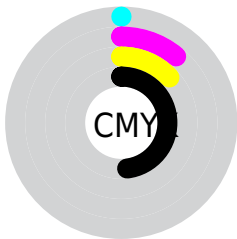
Distribution



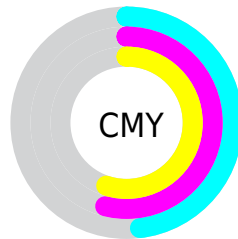
- Red (52%)
- Green (46%)
- Blue (45%)



- Red (52%)
- Yellow (46%)
- Blue (45%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (48%)



- Cyan (48%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9715, 18.8659, 18.8612 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 18.9715, 18.8659, 18.8612 by changing the saturation by 10% instead.

■ 18.9715, 18.8659,
18.8612

■ 18.9715, 18.8659,
18.8612

239.2325,
245.7075, 258.0786

■ 11.7536, 11.5734,
11.3942

■ 41.2032, 41.5074,
42.3330

■ 6.6471, 6.4539,
6.2152

■ 56.9476, 57.6252,
59.1749

■ 3.2868, 3.1230,
2.9055

■ 76.2650, 77.4535,
79.9789

■ 1.3072, 1.1963,
1.0466

■ 99.5206, 101.3768,
105.1635

■ 0.1886, 0.0587,
0.0000

127.0798,
129.7795, 135.1472

■ 0.0000, 0.0000,
0.0000

159.3079,

163.0459, 170.3486

196.5704,
201.5604, 211.1862

■ 18.9715, 18.8659,
18.8612

■ 18.9715, 18.8659,
18.8612

■ 16.9923, 16.0372,
14.7185

■ 21.2293, 22.0774,
23.6339

■ 15.2795, 13.5746,
11.1784

■ 23.7744, 25.6827,
29.0602

■ 13.8220, 11.4639,
8.2130

■ 26.6170, 29.6953,
35.1638

■ 12.6075, 9.6890,
5.7920

■ 29.7662, 34.1275,
41.9671

■ 11.6227, 8.2324,
3.8822

■ 33.2310, 38.9910,
49.4912

■ 10.8530, 7.0754,
2.4468

■ 37.0196, 44.2969,
57.7564

■ 10.2819, 6.1968,
1.4440

■ 41.1404, 50.0562,
66.7824

■ 9.8907, 5.5730,
0.8243

■ 45.6010, 56.2792,
76.5879

■ 9.6945, 5.2629,
0.5049

■ 50.4092, 62.9761,
87.1910

Harmonies

Analogous

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



19.1434, 18.8659, 20.5062



18.9715, 18.8659, 18.8612



18.5198, 18.8659, 17.7231

Triad

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



18.9715, 18.8659, 18.8612



16.9182, 18.8659, 18.9195



17.9439, 18.8659, 24.1278

Complementary

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



18.9715, 18.8659, 18.8612



19.2176, 21.2756, 24.9237

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.



17.3557, 18.8659, 23.6444



18.9715, 18.8659, 18.8612



16.7718, 18.8659, 20.5774

Square

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



18.9715, 18.8659, 18.8612



17.3346, 18.8659, 17.7554



16.9302, 18.8659, 22.3193



18.5418, 18.8659, 23.6053

Rectangle

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



18.9715, 18.8659, 18.8612



18.1258, 18.8659, 17.3705



16.9302, 18.8659, 22.3193



17.7385, 18.8659, 24.0773

Sweetspot

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



18.9720, 18.8667, 18.8616



36.8871, 38.1677, 40.5525



19.6770, 18.7794, 23.7128



8.5232, 8.7941, 9.3039



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.



18.9720, 18.8667, 18.8616



32.5177, 31.9479, 31.3308



20.0054, 20.9335, 19.2061



4.7135, 4.7706, 4.9018



9.3890, 5.1005, 0.4896



0.0352, 0.0230, 0.0026

Inverse Universe

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



19.2176, 21.2756, 24.9237



33.0242, 36.9175, 43.8384



18.1356, 19.1117, 24.5630



4.7561, 5.1878, 5.9514



10.1327, 13.8132, 23.2689



0.0384, 0.0544, 0.0817

Previews

White Background



This preview shows how the XYZ color 18.9715, 18.8659, 18.8612 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 18.9715, 18.8659, 18.8612 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 18.9715, 18.8659, 18.8612

Background



This preview shows how black text looks on a background with the XYZ color 18.9715, 18.8659, 18.8612.



This preview shows how white text looks on a background with the XYZ color 18.9715, 18.8659,

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

18.9715, 18.8659, 18.8612

Protanopia

18.0957, 18.9282, 19.5294

Deuteranopia

19.1714, 18.7969, 18.8374



Tritanopia

19.6199, 18.9580, 22.0272

Trichromacy



Original Color

18.9715, 18.8659, 18.8612

Protanomaly

18.3534, 18.8902, 19.2018

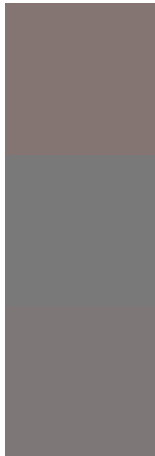
Deuteranomaly

19.0128, 18.7151, 18.8300

Tritanomaly

19.3694, 18.8578, 20.7082

Monochromacy



Original Color

18.9715, 18.8659, 18.8612

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.5037, 19.1248, 20.1690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9715, 18.8659, 18.8612 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(132, 117, 115)` looks like.

```
.text, #text, p{  
    color:rgb(132, 117, 115)  
}
```

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(132, 117, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 117, 115) }
```

Border

The CSS property to change the border of an element to XYZ 18.9715, 18.8659, 18.8612 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(132, 117, 115) }
```


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

```
.border{ border-color:rgb(132, 117, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 117, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 117, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 117, 115);  
box-shadow:4px 4px 4px 4px rgb(132, 117,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9715, 18.8659, 18.8612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 117, 115) }
```

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

```
.background{ background-color: rgb(132,  
117, 115) }
```

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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