

Converting Colors

XYZ(19.4778, 18.5025, 17.4833)

Have a look what the booklet for
XYZ(19.4778, 18.5025, 17.4833)
contains.

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Color

**XYZ(19.4218, 18.4469,
17.5759)**

Conversions

Conversions Part 1

Format	Color
Hex	8B716F
RGB	139, 113, 111
RGB Percent	55%, 44%, 44%
CMY	0.4549, 0.5568, 0.5647
CMYK	0.00, 0.19, 0.20, 0.45
HSL	4°, 11%, 49%
HSV	4°, 20%, 55%
XYZ	19.4218, 18.4469, 17.5759
YIQ	120.5460, 16.1380, 4.8900

Conversions

Conversions Part 2

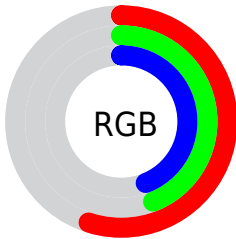
Format	Color
R_{YB}	139, 113, 111
Decimal	9138543
CIE Lab	50.03, 9.87, 4.95
CIE LCh	50, 11.046, 26.647
Yxy	18.4469, 0.3503, 0.3327
Android (android.graphics.Color)	4287328623 (0xFF8B716F)
YUV	120.5460, -4.7062, 16.1842
Hunter-Lab	42.9499, 5.5549, 5.8023

Details

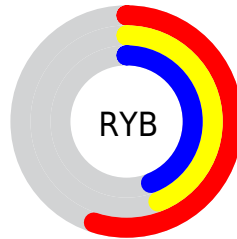
The XYZ color **19.4218, 18.4469, 17.5759** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.1612, 23.1343, 27.8289**, and the grayscale version is **18.0391, 18.9785, 20.6676**.

A 20% lighter version of the original color is **42.0583, 40.8921, 40.3266**, and **6.8120, 6.2142, 5.5431** is the 20% darker color. If you saturate the color by 10%, you get **17.3764, 15.4870, 13.4074**, and if you desaturate by 10%, it is **21.7921, 21.8657, 22.4408**.

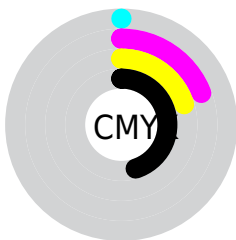
Distribution



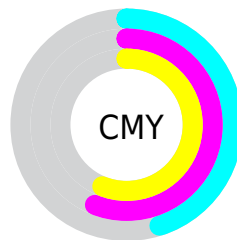
- Red (55%)
- Green (44%)
- Blue (44%)



- Red (55%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (45%)



- Cyan (45%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4218, 18.4469, 17.5759 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 19.4218, 18.4469, 17.5759 by changing the saturation by 10% instead.

■ 19.4218, 18.4469,
17.5759

■ 19.4218, 18.4469,
17.5759

241.6612,
243.3781, 250.6249

■ 12.0813, 11.2713,
10.4797

■ 41.9570, 40.7974,
40.1175

■ 6.8716, 6.2496,
5.6084

■ 57.8824, 56.7410,
56.3999

■ 3.4276, 2.9975,
2.5435

■ 77.4001, 76.3762,
76.5814

■ 1.3837, 1.1304,
0.8631

■ 100.8756,
100.0872, 101.0806

■ 0.2446, 0.0037,
0.0000

128.6740,
128.2586, 130.3160

■ 0.0000, 0.0000,
0.0000

161.1609,

161.2745, 164.7062

198.7015,
199.5196, 204.6696

■ 19.4218, 18.4469,
17.5759

■ 19.4218, 18.4469,
17.5759

■ 17.3764, 15.4870,
13.4074

■ 21.7921, 21.8657,
22.4408

■ 15.6403, 12.9641,
9.9023

■ 24.4990, 25.7590,
28.0306

■ 14.1990, 10.8582,
7.0268

■ 27.5556, 30.1450,
34.3739

■ 13.0358, 9.1469,
4.7435

■ 30.9736, 35.0401,
41.4970

■ 12.1330, 7.8055,
3.0111

■ 34.7644, 40.4599,
49.4253

■ 11.4702, 6.8067,
1.7830

■ 38.9388, 46.4192,
58.1829

■ 11.0245, 6.1194,
1.0050

■ 43.5071, 52.9326,
67.7928

■ 10.7554, 5.7048,
0.5343

■ 48.4793, 60.0137,
78.2773

■ 53.8650, 67.6760,
89.6577

Harmonies

Analogous

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



19.6511, 18.4469, 20.4294



19.4218, 18.4469, 17.5759



18.6797, 18.4469, 15.5871

Triad

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



19.4218, 18.4469, 17.5759



15.8827, 18.4469, 17.0397



17.4141, 18.4469, 26.5054

Complementary

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



19.4218, 18.4469, 17.5759



20.1612, 23.1343, 27.8289

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.



16.4347, 18.4469, 25.3755



19.4218, 18.4469, 17.5759



15.5733, 18.4469, 19.7456

Square

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



19.4218, 18.4469, 17.5759



16.6335, 18.4469, 15.3002



15.7712, 18.4469, 22.8234



18.4648, 18.4469, 25.7772

Rectangle

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



19.4218, 18.4469, 17.5759



18.0089, 18.4469, 14.9173



15.7712, 18.4469, 22.8234



17.0660, 18.4469, 26.3277

Sweetspot

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



19.4223, 18.4477, 17.5763



40.8973, 41.8514, 44.0456



20.8570, 18.6680, 26.2212



9.3628, 9.5559, 10.0234



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.



19.4223, 18.4477, 17.5763



33.1077, 30.6163, 28.0570



21.0890, 21.7812, 18.1319



5.0598, 5.1024, 5.2706



9.7128, 5.1599, 0.4840



0.0678, 0.0408, 0.0043

Inverse Universe

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



20.1612, 23.1343, 27.8289



34.6693, 40.5251, 49.7378



18.3155, 19.4428, 27.2137



5.1428, 5.6284, 6.4212



11.3034, 15.8771, 24.5145



0.0793, 0.1140, 0.1643

Previews

White Background



This preview shows how the XYZ color 19.4218, 18.4469, 17.5759 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 19.4218, 18.4469, 17.5759 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 19.4218, 18.4469, 17.5759

Background



This preview shows how black text looks on a background with the XYZ color 19.4218, 18.4469, 17.5759.



This preview shows how white text looks on a background with the XYZ color 19.4218, 18.4469,

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

19.4218, 18.4469, 17.5759

Protanopia

17.8025, 18.6195, 18.5752

Deuteranopia

18.8315, 18.4775, 17.6129



Tritanopia

19.9996, 18.5199, 20.2899

Trichromacy



Original Color

19.4218, 18.4469, 17.5759

Protanomaly

18.3952, 18.5820, 18.2399

Deuteranomaly

19.0399, 18.4166, 17.5902

Tritanomaly

19.8203, 18.4481, 19.3458

Monochromacy



Original Color

19.4218, 18.4469, 17.5759

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.5914, 18.8304, 19.4844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4218, 18.4469, 17.5759 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(139, 113, 111)` looks like.

```
.text, #text, p{  
    color:rgb(139, 113, 111)  
}
```

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(139, 113, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 113, 111) }
```

Border

The CSS property to change the border of an element to XYZ 19.4218, 18.4469, 17.5759 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(139, 113, 111) }
```


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

```
.border{ border-color:rgb(139, 113, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 113, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 113, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 113, 111); box-shadow:4px 4px 4px 4px rgb(139, 113, 111) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4218, 18.4469, 17.5759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 113, 111) }
```

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

```
.background{ background-color: rgb(139,  
113, 111) }
```

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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