

Converting Colors

XYZ(19.2203, 18.4703, 19.3826)

Have a look what the booklet for
XYZ(19.2203, 18.4703, 19.3826)
contains.

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Color

**XYZ(19.2199, 18.4699,
19.3817)**

Conversions

Conversions Part 1

Format	Color
Hex	877275
RGB	135, 114, 117
RGB Percent	53%, 45%, 46%
CMY	0.4706, 0.5529, 0.5412
CMYK	0.00, 0.16, 0.13, 0.47
HSL	351°, 8%, 49%
HSV	351°, 16%, 53%
XYZ	19.2199, 18.4699, 19.3817
YIQ	120.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

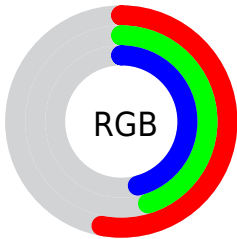
Format	Color
R_{YB}	135, 114, 117
Decimal	8876661
CIE _{Lab}	50.06, 8.73, 1.39
CIE _{LCh}	50, 8.841, 9.065
Yxy	18.4699, 0.3368, 0.3236
Android (android.graphics.Color)	4287066741 (0xFF877275)
YUV	120.6210, -1.7852, 12.6104
Hunter-Lab	42.9766, 4.6192, 3.3449

Details

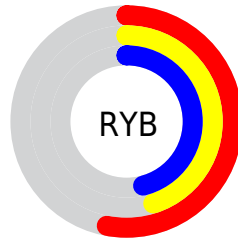
The XYZ color **19.2199, 18.4699, 19.3817** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.7690, 22.5718, 25.1458**, and the grayscale version is **18.0552, 18.9954, 20.6860**.

A 20% lighter version of the original color is **41.5367, 40.8284, 43.2276**, and **6.7687, 6.2574, 6.4813** is the 20% darker color. If you saturate the color by 10%, you get **17.1692, 15.3909, 15.5461**, and if you desaturate by 10%, it is **21.5805, 22.0337, 23.7362**.

Distribution



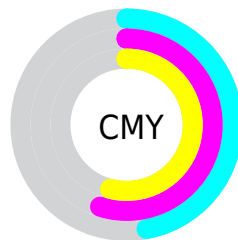
- Red (53%)
- Green (45%)
- Blue (46%)



- Red (53%)
- Yellow (45%)
- Blue (46%)



- Cyan (0%)
- Magenta (16%)
- Yellow (13%)
- Black (47%)



- Cyan (47%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2199, 18.4699, 19.3817 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 19.2199, 18.4699, 19.3817 by changing the saturation by 10% instead.

■ 19.2199, 18.4699,
19.3817

■ 19.2199, 18.4699,
19.3817

240.5749,
243.5065, 261.0405

■ 11.9342, 11.2879,
11.7668

■ 41.6194, 40.8364,
43.2233

■ 6.7708, 6.2608,
6.4645

■ 57.4638, 56.7897,
60.2872

■ 3.3642, 3.0043,
3.0562

■ 76.8920, 76.4355,
81.3378

■ 1.3492, 1.1340,
1.1234

■ 100.2691,
100.1582, 106.7936

■ 0.2196, 0.0068,
0.0000

127.9607,
128.3423, 137.0733

■ 0.0000, 0.0000,
0.0000

160.3319,

161.3721, 172.5953

197.7482,
199.6320, 213.7782

■ 19.2199, 18.4699,
19.3817

■ 19.2199, 18.4699,
19.3817

■ 17.1692, 15.3909,
15.5461

■ 21.5805, 22.0337,
23.7362

■ 15.4141, 12.7734,
12.2088

■ 24.2616, 26.0995,
28.6266

■ 13.9413, 10.5959,
9.3495

■ 27.2752, 30.6866,
34.0710

■ 12.7358, 8.8342,
6.9464

■ 30.6322, 35.8124,
40.0858

■ 11.7815, 7.4617,
4.9756

■ 34.3429, 41.4938,
46.6870

■ 11.0603, 6.4486,
3.4111

■ 38.4173, 47.7467,
53.8900

■ 10.5516, 5.7612,
2.2243

■ 42.8650, 54.5865,
61.7096

■ 10.2262, 5.3490,
1.3806

■ 47.6951, 62.0280,
70.1599

■ 10.1117, 5.1989,
1.0989

■ 52.9166, 70.0854,
79.2547

Harmonies

Analogous

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



19.1271, 18.4699, 21.8307



19.2199, 18.4699, 19.3817



18.8556, 18.4699, 17.3013

Triad

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



19.2199, 18.4699, 19.3817



16.5446, 18.4699, 16.6892



16.9773, 18.4699, 24.8094

Complementary

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



19.2199, 18.4699, 19.3817



19.7690, 22.5718, 25.1458

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.



16.3158, 18.4699, 23.2087



19.2199, 18.4699, 19.3817



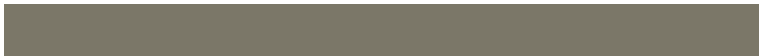
16.0717, 18.4699, 18.4832

Square

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



19.2199, 18.4699, 19.3817



17.2987, 18.4699, 15.8314



15.9893, 18.4699, 20.8575



17.8140, 18.4699, 25.0988

Rectangle

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



19.2199, 18.4699, 19.3817



18.4092, 18.4699, 16.3551



15.9893, 18.4699, 20.8575



16.7278, 18.4699, 24.4010

Sweetspot

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



19.2204, 18.4707, 19.3821



38.8459, 39.7600, 42.8726



19.8834, 18.6782, 25.4792



8.9322, 9.1111, 9.8114



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.



19.2204, 18.4707, 19.3821



32.9331, 30.8410, 31.9412



19.9095, 20.1265, 18.7561



4.6977, 4.6988, 5.0203



9.3275, 4.7953, 1.0308



0.0339, 0.0173, 0.0120

Inverse Universe

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



19.2204, 18.4707, 19.3821



32.9331, 30.8410, 31.9412



18.9869, 20.6745, 25.9118



4.6977, 4.6988, 5.0203



9.3275, 4.7953, 1.0308



0.0339, 0.0173, 0.0120

Previews

White Background



This preview shows how the XYZ color 19.2199, 18.4699, 19.3817 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 19.2199, 18.4699, 19.3817 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 19.2199, 18.4699, 19.3817

Background



This preview shows how black text looks on a background with the XYZ color 19.2199, 18.4699, 19.3817.



This preview shows how white text looks on a background with the XYZ color 19.2199, 18.4699,

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

19.2199, 18.4699, 19.3817

Protanopia

17.8721, 18.6147, 20.4203

Deuteranopia

18.8573, 18.4514, 19.3972



Tritanopia

19.5713, 18.4496, 20.9420

Trichromacy



Original Color

19.2199, 18.4699, 19.3817

Protanomaly

18.2952, 18.4901, 20.0574

Deuteranomaly

19.0145, 18.5324, 19.4046

Tritanomaly

19.4486, 18.4006, 20.2959

Monochromacy



Original Color

19.2199, 18.4699, 19.3817

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.4728, 18.7486, 20.4145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2199, 18.4699, 19.3817 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(135, 114, 117) looks like.

```
.text, #text, p{  
    color:rgb(135, 114, 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(135, 114, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 114, 117) }
```

Border

The CSS property to change the border of an element to XYZ 19.2199, 18.4699, 19.3817 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(135, 114, 117) }
```


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

```
.border{ border-color:rgb(135, 114, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 114, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 114, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 114, 117);  
box-shadow:4px 4px 4px 4px rgb(135, 114,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2199, 18.4699, 19.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 114, 117) }
```

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

```
.background{ background-color: rgb(135,  
114, 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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