

Converting Colors

XYZ(19.1599, 17.9383, 16.9101)

Have a look what the booklet for
XYZ(19.1599, 17.9383, 16.9101)
contains.

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Color

**XYZ(19.2600, 18.0485,
16.9366)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6F6D
RGB	140, 111, 109
RGB Percent	55%, 44%, 43%
CMY	0.4510, 0.5647, 0.5725
CMYK	0.00, 0.21, 0.22, 0.45
HSL	4°, 12%, 49%
HSV	4°, 22%, 55%
XYZ	19.2600, 18.0485, 16.9366
YIQ	119.4430, 17.9260, 5.5260

Conversions

Conversions Part 2

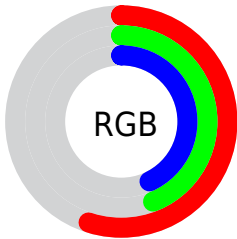
Format	Color
R_{YB}	140, 111, 109
Decimal	9203565
CIE _{Lab}	49.55, 11.12, 5.47
CIE _{LCh}	50, 12.388, 26.180
Yxy	18.0485, 0.3551, 0.3327
Android (android.graphics.Color)	4287393645 (0xFF8C6F6D)
YUV	119.4430, -5.1484, 18.0285
Hunter-Lab	42.4835, 6.5772, 6.1018

Details

The XYZ color **19.2600, 18.0485, 16.9366** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.1285, 23.3210, 28.2516**, and the grayscale version is **17.6874, 18.6085, 20.2646**.

A 20% lighter version of the original color is **41.6905, 40.2018, 38.8201**, and **6.7668, 6.0267, 5.3640** is the 20% darker color. If you saturate the color by 10%, you get **17.2400, 15.1199, 12.8365**, and if you desaturate by 10%, it is **21.6106, 21.4458, 21.7396**.

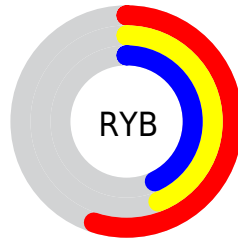
Distribution



Red (55%)

Green (44%)

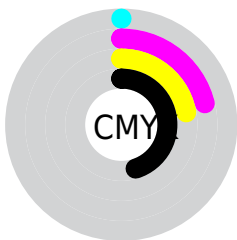
Blue (43%)



Red (55%)

Yellow (44%)

Blue (43%)

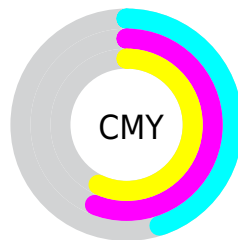


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2600, 18.0485, 16.9366 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 19.2600, 18.0485, 16.9366 by changing the saturation by 10% instead.

■ 19.2600, 18.0485,
16.9366

■ 19.2600, 18.0485,
16.9366

240.7910,
241.1443, 246.8383

■ 11.9634, 10.9848,
10.0278

■ 41.6865, 40.1200,
39.0059

■ 6.7908, 6.0566,
5.3116

■ 57.5471, 55.8965,
55.0035

■ 3.3768, 2.8795,
2.3693

■ 76.9930, 75.3461,
74.8678

■ 1.3560, 1.0692,
0.7696

■ 100.3897, 98.8532,
99.0173

■ 0.2245, 0.0000,
0.0000

128.1025,
126.8022, 127.8705

■ 0.0000, 0.0000,
0.0000

160.4968,

159.5774, 161.8461

197.9378,
197.5633, 201.3625

■ 19.2600, 18.0485,
16.9366

■ 19.2600, 18.0485,
16.9366

■ 17.2400, 15.1199,
12.8365

■ 21.6106, 21.4458,
21.7396

■ 15.5343, 12.6371,
9.4052

■ 24.3041, 25.3284,
27.2752

■ 14.1275, 10.5790,
6.6077

■ 27.3540, 29.7153,
33.5725

■ 13.0025, 8.9217,
4.4050

■ 30.7727, 34.6237,
40.6589

■ 12.1401, 7.6392,
2.7542

■ 34.5719, 40.0699,
48.5605

■ 11.5189, 6.7021,
1.6062

■ 38.7629, 46.0696,
57.3020

■ 11.1143, 6.0768,
0.9038

■ 43.3565, 52.6377,
66.9072

■ 10.9135, 5.7718,
0.5389

■ 48.3630, 59.7888,
77.3988

■ 53.7923, 67.5366,
88.7989

Harmonies

Analogous

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



19.5056, 18.0485, 20.0854



19.2600, 18.0485, 16.9366



18.4412, 18.0485, 14.7575

Triad

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



19.2600, 18.0485, 16.9366



15.3476, 18.0485, 16.2702



17.0047, 18.0485, 26.8297

Complementary

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



19.2600, 18.0485, 16.9366



20.1285, 23.3210, 28.2516

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.



15.9292, 18.0485, 25.5236



19.2600, 18.0485, 16.9366



15.0004, 18.0485, 19.2244

Square

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



19.2600, 18.0485, 16.9366



16.1783, 18.0485, 14.4047



15.2084, 18.0485, 22.6426



18.1693, 18.0485, 26.0395

Rectangle

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



19.2600, 18.0485, 16.9366



17.6992, 18.0485, 14.0213



15.2084, 18.0485, 22.6426



16.6212, 18.0485, 26.6177

Sweetspot

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



19.2605, 18.0493, 16.9370



40.3951, 41.1197, 43.0378



20.9041, 18.3610, 26.6583



9.2549, 9.3983, 9.8077



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.



19.2605, 18.0493, 16.9370



31.9534, 28.9191, 25.7874



21.0430, 21.6143, 17.5311



5.0572, 5.0971, 5.2697



9.7028, 5.1400, 0.4807



0.0674, 0.0401, 0.0042

Inverse Universe

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



20.1285, 23.3210, 28.2516



33.7862, 40.0549, 49.6936



18.1173, 19.2984, 27.5812



5.1456, 5.6342, 6.4222



11.4178, 16.1059, 24.5527



0.0797, 0.1147, 0.1644

Previews

White Background



This preview shows how the XYZ color 19.2600, 18.0485, 16.9366 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



This preview shows how the XYZ color 19.2600, 18.0485, 16.9366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

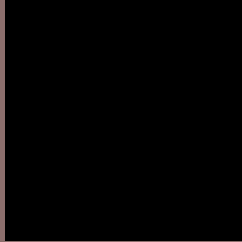
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2600, 18.0485, 16.9366

Background



This preview shows how black text looks on a background with the XYZ color 19.2600, 18.0485, 16.9366.

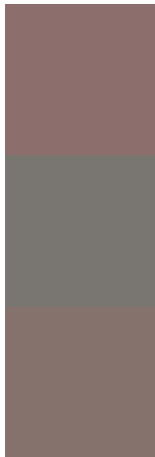


This preview shows how white text looks on a background with the XYZ color 19.2600, 18.0485,

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

19.2600, 18.0485, 16.9366

Protanopia

17.3442, 18.2141, 18.2243

Deuteranopia

18.3970, 18.1039, 16.7121



Tritanopia

19.8305, 18.1226, 19.5924

Trichromacy



Original Color

19.2600, 18.0485, 16.9366

Protanomaly

17.9575, 18.0205, 17.8611

Deuteranomaly

18.7652, 18.1272, 16.6972

Tritanomaly

19.6549, 18.0524, 18.6682

Monochromacy



Original Color

19.2600, 18.0485, 16.9366

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.0923, 18.2406, 18.7869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2600, 18.0485, 16.9366 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(140, 111, 109)` looks like.

```
.text, #text, p{  
    color:rgb(140, 111, 109)  
}
```

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(140, 111, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 111, 109) }
```

Border

The CSS property to change the border of an element to XYZ 19.2600, 18.0485, 16.9366 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(140, 111, 109) }
```


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

```
.border{ border-color:rgb(140, 111, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 111, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 111, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 111, 109);  
box-shadow:4px 4px 4px 4px rgb(140, 111,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2600, 18.0485, 16.9366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 111, 109) }
```

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

```
.background{ background-color: rgb(140,  
111, 109) }
```

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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