

Converting Colors

XYZ(19.1055, 18.8077, 16.8106)

Have a look what the booklet for
XYZ(19.1055, 18.8077, 16.8106)
contains.

XYZ(19.1055, 18.8077, 16.8106)	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(19.1055, 18.8077,
16.8106)**

Conversions

Conversions Part 1

Format	Color
Hex	88746C
RGB	136, 116, 108
RGB Percent	53%, 45%, 42%
CMY	0.4667, 0.5451, 0.5765
CMYK	0.00, 0.15, 0.21, 0.47
HSL	17°, 11%, 48%
HSV	17°, 21%, 53%
XYZ	19.1055, 18.8077, 16.8106
YIQ	121.0680, 14.4880, 1.7520

Conversions

Conversions Part 2

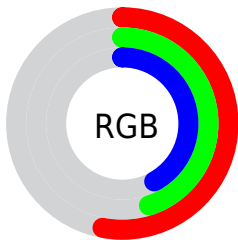
Format	Color
R_{YB}	136, 119, 108
Decimal	8942700
CIE _{Lab}	50.46, 6.42, 7.30
CIE _{LCh}	50, 9.720, 48.645
Yxy	18.8077, 0.3491, 0.3437
Android (android.graphics.Color)	4287132780 (0xFF88746C)
YUV	121.0680, -6.4425, 13.0954
Hunter-Lab	43.3678, 2.7436, 7.3750

Details

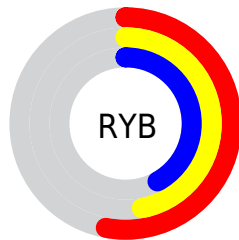
The XYZ color **19.1055, 18.8077, 16.8106** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.3473, 20.4036, 26.2640**, and the grayscale version is **18.2132, 19.1617, 20.8671**.

A 20% lighter version of the original color is **41.4958, 41.4556, 38.6156**, and **6.7472, 6.4496, 5.3042** is the 20% darker color. If you saturate the color by 10%, you get **17.3758, 16.4176, 12.9373**, and if you desaturate by 10%, it is **21.0662, 21.4788, 21.3185**.

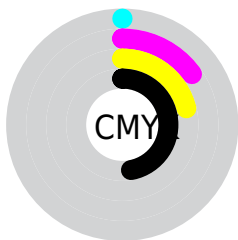
Distribution



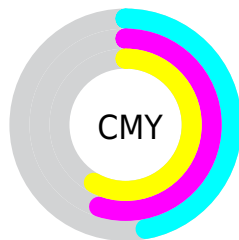
- Red (53%)
- Green (45%)
- Blue (42%)



- Red (53%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (47%)



- Cyan (47%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1055, 18.8077, 16.8106 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 19.1055, 18.8077, 16.8106 by changing the saturation by 10% instead.

■ 19.1055, 18.8077,
16.8106

■ 19.1055, 18.8077,
16.8106

239.9575,
245.3851, 246.0854

■ 11.8510, 11.5314,
9.9390

■ 41.4278, 41.4089,
38.7860

■ 6.7138, 6.4255,
5.2535

■ 57.2263, 57.5026,
54.7269

■ 3.3285, 3.1055,
2.3354

■ 76.6035, 77.3042,
74.5281

■ 1.3298, 1.1870,
0.7510

■ 99.9247, 101.1982,
98.6079

■ 0.2053, 0.0511,
0.0000

127.5554,
129.5689, 127.3850

■ 0.0000, 0.0000,
0.0000

159.8609,

162.8006, 161.2780

197.2064,
201.2779, 200.7053

■ 19.1055, 18.8077,
16.8106

■ 19.1055, 18.8077,
16.8106

■ 17.3758, 16.4176,
12.9373

■ 21.0662, 21.4788,
21.3185

■ 15.8669, 14.2968,
9.6687

■ 23.2648, 24.4372,
26.4866

■ 14.5698, 12.4364,
6.9743

■ 25.7095, 27.6922,
32.3406

■ 13.4744, 10.8258,
4.8205

■ 28.4080, 31.2518,
38.9045

■ 12.5697, 9.4541,
3.1699

■ 31.3674, 35.1238,
46.2012

■ 11.8436, 8.3091,
1.9805

■ 34.5946, 39.3156,
54.2522

■ 11.2822, 7.3777,
1.2035

■ 38.0963, 43.8344,
63.0787

■ 10.8747, 6.6768,
0.7156

■ 41.8788, 48.6873,
72.7005

■ 45.9482, 53.8809,
83.1370

Harmonies

Analogous

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



19.6562, 18.8077, 18.8572



19.1055, 18.8077, 16.8106



18.2368, 18.8077, 15.7825

Triad

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



19.1055, 18.8077, 16.8106



16.1509, 18.8077, 19.4695



18.4642, 18.8077, 25.8233

Complementary

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



19.1055, 18.8077, 16.8106



18.3473, 20.4036, 26.2640

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.



17.5203, 18.8077, 26.0240



19.1055, 18.8077, 16.8106



16.2070, 18.8077, 22.1900

Square

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



19.1055, 18.8077, 16.8106



16.5448, 18.8077, 17.2247



16.7007, 18.8077, 24.6443



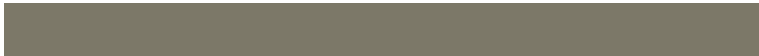
19.2770, 18.8077, 24.1179

Rectangle

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



19.1055, 18.8077, 16.8106



17.6040, 18.8077, 15.7465



16.7007, 18.8077, 24.6443



18.1511, 18.8077, 26.0743

Sweetspot

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



19.1060, 18.8086, 16.8110



38.7991, 40.1122, 41.4826



19.4168, 17.5199, 22.8036



8.9371, 9.2245, 9.4936



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.



19.1060, 18.8086, 16.8110



32.1099, 30.9980, 26.1072



20.8341, 22.2647, 17.3870



5.1418, 5.2664, 5.2979



10.2997, 6.3338, 0.6797



0.0797, 0.0646, 0.0083

Inverse Universe

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



18.3473, 20.4036, 26.2640



30.5058, 34.3640, 46.0734



16.6533, 17.0156, 25.6993



5.0541, 5.4511, 6.3916



8.2715, 9.8132, 23.5039



0.0675, 0.0902, 0.1603

Previews

White Background



This preview shows how the XYZ color 19.1055, 18.8077, 16.8106 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 19.1055, 18.8077, 16.8106 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 19.1055, 18.8077, 16.8106

Background



This preview shows how black text looks on a background with the XYZ color 19.1055, 18.8077, 16.8106.

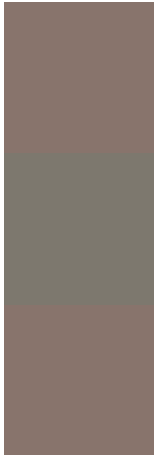


This preview shows how white text looks on a background with the XYZ color 19.1055, 18.8077,

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

19.1055, 18.8077, 16.8106

Protanopia

17.9884, 18.9187, 17.4554

Deuteranopia

19.1055, 18.8077, 16.8106



Tritanopia

20.0737, 18.8680, 21.3228

Trichromacy



Original Color

19.1055, 18.8077, 16.8106

Protanomaly

18.4104, 18.9649, 17.1583

Deuteranomaly

19.1055, 18.8077, 16.8106

Tritanomaly

19.7173, 18.8878, 19.7460

Monochromacy



Original Color

19.1055, 18.8077, 16.8106

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.3534, 18.8902, 19.2018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1055, 18.8077, 16.8106 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(136, 116, 108)` looks like.

```
.text, #text, p{  
    color:rgb(136, 116, 108)  
}
```

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(136, 116, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 116, 108) }
```

Border

The CSS property to change the border of an element to XYZ 19.1055, 18.8077, 16.8106 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(136, 116, 108) }
```


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

```
.border{ border-color:rgb(136, 116, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 116, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 116, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 116, 108);  
box-shadow:4px 4px 4px 4px rgb(136, 116,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1055, 18.8077, 16.8106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 116, 108) }
```

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

```
.background{ background-color: rgb(136,  
116, 108) }
```

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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