

Converting Colors

XYZ(19.6549, 18.5866, 15.0542)

Have a look what the booklet for
XYZ(19.6549, 18.5866, 15.0542)
contains.

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Color

**XYZ(19.6311, 18.6092,
15.1276)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7166
RGB	143, 113, 102
RGB Percent	56%, 44%, 40%
CMY	0.4392, 0.5568, 0.6000
CMYK	0.00, 0.21, 0.29, 0.44
HSL	16°, 17%, 48%
HSV	16°, 29%, 56%
XYZ	19.6311, 18.6092, 15.1276
YIQ	120.7160, 21.4110, 2.9390

Conversions

Conversions Part 2

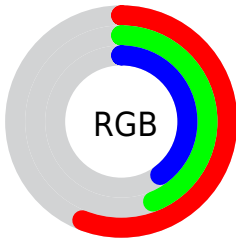
Format	Color
R_{YB}	143, 117, 102
Decimal	9400678
CIE Lab	50.23, 10.09, 10.60
CIE LCh	50, 14.637, 46.394
Yxy	18.6092, 0.3678, 0.3487
Android (android.graphics.Color)	4287590758 (0xFF8F7166)
YUV	120.7160, -9.2270, 19.5431
Hunter-Lab	43.1384, 5.7383, 9.4053

Details

The XYZ color **19.6311, 18.6092, 15.1276** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6884, 21.3098, 29.1149**, and the grayscale version is **18.1067, 19.0497, 20.7451**.

A 20% lighter version of the original color is **42.2309, 41.0805, 35.8405**, and **6.9935, 6.3317, 4.4680** is the 20% darker color. If you saturate the color by 10%, you get **17.8816, 16.1488, 11.3422**, and if you desaturate by 10%, it is **21.6386, 21.3895, 19.6030**.

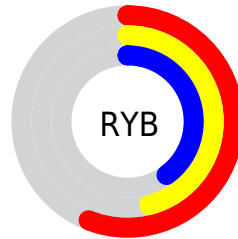
Distribution



Red (56%)

Green (44%)

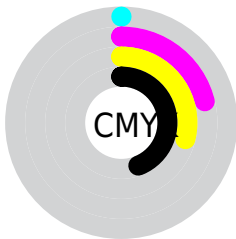
Blue (40%)



Red (56%)

Yellow (46%)

Blue (40%)

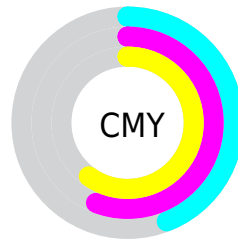


Cyan (0%)

Magenta (21%)

Yellow (29%)

Black (44%)



Cyan (44%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6311, 18.6092, 15.1276 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 19.6311, 18.6092, 15.1276 by changing the saturation by 10% instead.

■ 19.6311, 18.6092,
15.1276

■ 19.6311, 18.6092,
15.1276

242.7828,
244.2827, 235.8046

■ 12.2339, 11.3882,
8.7614

■ 42.3065, 41.0727,
35.8223

■ 6.9765, 6.3286,
4.4912

■ 58.3154, 57.0840,
50.9879

■ 3.4936, 3.0459,
1.8985

■ 77.9256, 76.7942,
69.9237

■ 1.4198, 1.1557,
0.4918

■ 101.5023,
100.5877, 93.0482

■ 0.2703, 0.0251,
0.0000

129.4111,
128.8490, 120.7801

■ 0.0000, 0.0000,
0.0000

162.0172,

161.9623, 153.5377

199.6860,
200.3121, 191.7397

■ 19.6311, 18.6092,
15.1276

■ 19.6311, 18.6092,
15.1276

■ 17.8816, 16.1488,
11.3422

■ 21.6386, 21.3895,
19.6030

■ 16.3777, 13.9940,
8.2111

■ 23.9127, 24.4980,
24.7994

■ 15.1082, 12.1334,
5.6971

■ 26.4635, 27.9461,
30.7474

■ 14.0606, 10.5537,
3.7585

■ 29.3001, 31.7437,
37.4752

■ 13.2209, 9.2406,
2.3489

■ 32.4313, 35.9005,
45.0100

■ 12.5732, 8.1785,
1.4140

■ 35.8652, 40.4256,
53.3772

■ 12.0891, 7.3457,
0.8353

■ 39.6100, 45.3279,
62.6013

■ 12.0330, 7.2501,
0.7652

■ 43.6732, 50.6160,
72.7059

■ 48.0622, 56.2980,
83.7136

Harmonies

Analogous

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



20.4281, 18.6092, 18.1417



19.6311, 18.6092, 15.1276



18.3353, 18.6092, 13.5933

Triad

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



19.6311, 18.6092, 15.1276



15.1727, 18.6092, 18.4840



18.4666, 18.6092, 28.6943

Complementary

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



19.6311, 18.6092, 15.1276



18.6884, 21.3098, 29.1149

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.



17.0551, 18.6092, 28.8183



19.6311, 18.6092, 15.1276



15.2037, 18.6092, 22.5420

Square

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



19.6311, 18.6092, 15.1276



15.7896, 18.6092, 15.3493



15.8766, 18.6092, 26.4443



19.7316, 18.6092, 26.1254

Rectangle

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



19.6311, 18.6092, 15.1276



17.3862, 18.6092, 13.4633



15.8766, 18.6092, 26.4443



17.9922, 18.6092, 29.0341

Sweetspot

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



19.6316, 18.6101, 15.1280



42.6002, 43.5680, 43.8958



20.2486, 17.0103, 24.0700



9.6397, 9.8149, 9.7681



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.6316, 18.6101, 15.1280



33.2078, 30.5951, 22.8478



22.1731, 23.6931, 15.9751



5.5193, 5.6449, 5.6881



10.6549, 6.4415, 0.6818



0.1180, 0.0939, 0.0119

Inverse Universe

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



18.6884, 21.3098, 29.1149



31.2458, 36.1894, 51.8765



16.1841, 16.3011, 28.2802



5.4395, 5.8748, 6.8760



8.8343, 10.6545, 24.5680



0.1027, 0.1383, 0.2410

Previews

White Background



This preview shows how the XYZ color 19.6311, 18.6092, 15.1276 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 19.6311, 18.6092, 15.1276 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 19.6311, 18.6092, 15.1276

Background



This preview shows how black text looks on a background with the XYZ color 19.6311, 18.6092, 15.1276.

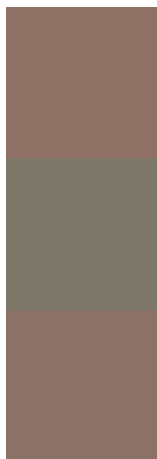


This preview shows how white text looks on a background with the XYZ color 19.6311, 18.6092,

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

19.6311, 18.6092, 15.1276

Protanopia

17.6041, 18.5735, 16.0218

Deuteranopia

19.0102, 18.6241, 15.1632



Tritanopia

20.6913, 18.7205, 19.9756

Trichromacy



Original Color

19.6311, 18.6092, 15.1276

Protanomaly

18.3757, 18.6276, 15.7237

Deuteranomaly

19.2308, 18.5694, 15.1410

Tritanomaly

20.2764, 18.7099, 18.1655

Monochromacy



Original Color

19.6311, 18.6092, 15.1276

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.5690, 18.8389, 18.5772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6311, 18.6092, 15.1276 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(143, 113, 102)` looks like.

```
.text, #text, p{  
    color:rgb(143, 113, 102)  
}
```

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(143, 113, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 113, 102) }
```

Border

The CSS property to change the border of an element to XYZ 19.6311, 18.6092, 15.1276 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(143, 113, 102) }
```


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

```
.border{ border-color:rgb(143, 113, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 113, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 113, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 113, 102);  
box-shadow:4px 4px 4px 4px rgb(143, 113,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6311, 18.6092, 15.1276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 113, 102) }
```

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

```
.background{ background-color: rgb(143,  
113, 102) }
```

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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