

Converting Colors

XYZ(18.1861, 19.5367, 11.9559)

Have a look what the booklet for
XYZ(18.1861, 19.5367, 11.9559)
contains.

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Color

**XYZ(18.2367, 19.5292,
12.0409)**

Conversions

Conversions Part 1

Format	Color
Hex	847A58
RGB	132, 122, 88
RGB Percent	52%, 48%, 35%
CMY	0.4824, 0.5216, 0.6549
CMYK	0.00, 0.08, 0.33, 0.48
HSL	46°, 20%, 43%
HSV	46°, 33%, 52%
XYZ	18.2367, 19.5292, 12.0409
YIQ	121.1140, 16.8740, -8.4540

Conversions

Conversions Part 2

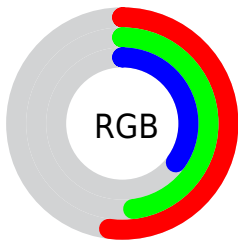
Format	Color
R_{YB}	101, 132, 88
Decimal	8682072
CIE Lab	51.30, -1.70, 20.04
CIE LCh	51, 20.110, 94.861
Yxy	19.5292, 0.3661, 0.3921
Android (android.graphics.Color)	4286872152 (0xFF847A58)
YUV	121.1140, -16.3252, 9.5470
Hunter-Lab	44.1919, -3.6740, 14.7796

Details

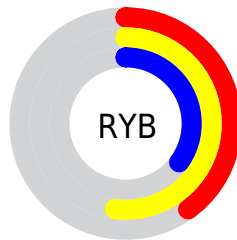
The XYZ color **18.2367, 19.5292, 12.0409** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.5570, 12.4756, 23.5760**, and the grayscale version is **18.2586, 19.2094, 20.9191**.

A 20% lighter version of the original color is **39.9732, 42.5462, 30.1502**, and **6.3464, 6.8586, 3.1798** is the 20% darker color. If you saturate the color by 10%, you get **17.3763, 18.6056, 9.2964**, and if you desaturate by 10%, it is **19.2085, 20.5170, 15.3115**.

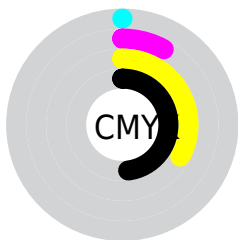
Distribution



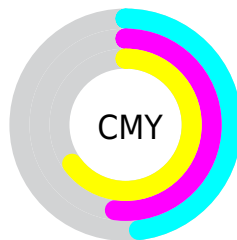
- Red (52%)
- Green (48%)
- Blue (35%)



- Red (40%)
- Yellow (52%)
- Blue (35%)



- Cyan (0%)
- Magenta (8%)
- Yellow (33%)
- Black (48%)



- Cyan (48%)
- Magenta (52%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2367, 19.5292, 12.0409 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 18.2367, 19.5292, 12.0409 by changing the saturation by 10% instead.

■ 18.2367, 19.5292,
12.0409

■ 18.2367, 19.5292,
12.0409

235.2217,
249.3549, 215.6634

■ 11.2208, 12.0533,
6.6487

■ 39.9672, 42.6264,
30.2351

■ 6.2839, 6.7800,
3.1683

■ 55.4124, 59.0165,
43.8741

■ 3.0608, 3.3249,
1.1812

■ 74.3982, 79.1468,
61.0991

■ 1.1860, 1.3036,
0.0000

■ 97.2898, 103.4017,
82.3287

■ 0.0953, 0.1440,
0.0000

■ 124.4526,
132.1655, 107.9814

■ 0.0000, 0.0000,
0.0000

156.2519,

165.8228, 138.4757

193.0532,
204.7577, 174.2302

■ 18.2367, 19.5292,
12.0409

■ 18.2367, 19.5292,
12.0409

■ 17.3763, 18.6056,
9.2964

■ 19.2085, 20.5170,
15.3115

■ 16.6204, 17.7411,
7.0487

■ 20.2953, 21.5684,
19.1331

■ 15.9634, 16.9340,
5.2672

■ 21.5022, 22.6863,
23.5304

■ 15.3988, 16.1816,
3.9176

■ 22.8337, 23.8728,
28.5263

■ 14.9191, 15.4807,
2.9609

■ 24.2940, 25.1296,
34.1425

■ 14.5152, 14.8274,
2.3497

■ 25.8871, 26.4584,
40.3995

■ 14.2681, 14.4103,
2.0294

■ 27.6168, 27.8611,
47.3169

■ 29.4868, 29.3391,
54.9134

■ 31.5005, 30.8940,
63.2071

Harmonies

Analogous

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



20.2506, 19.5292, 12.7437



18.2367, 19.5292, 12.0409



16.4417, 19.5292, 13.4213

Triad

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



18.2367, 19.5292, 12.0409



15.5712, 19.5292, 28.2299



22.2805, 19.5292, 26.3148

Complementary

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



18.2367, 19.5292, 12.0409



12.5570, 12.4756, 23.5760

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.



20.8570, 19.5292, 31.6867



18.2367, 19.5292, 12.0409



16.9698, 19.5292, 32.9248

Square

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



18.2367, 19.5292, 12.0409



14.9751, 19.5292, 22.2147



18.8910, 19.5292, 34.2916



22.6801, 19.5292, 20.3408

Rectangle

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



18.2367, 19.5292, 12.0409



15.5807, 19.5292, 15.5144



18.8910, 19.5292, 34.2916



21.9011, 19.5292, 28.2829

Sweetspot

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



18.2372, 19.5301, 12.0413



36.3880, 38.5922, 36.0005



15.2228, 12.7721, 13.2846



8.4138, 8.9307, 8.1719



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.2372, 19.5301, 12.0413



30.9608, 33.1610, 17.4723



17.7956, 21.2193, 12.3906



4.9524, 5.2484, 4.9814



13.8192, 13.9610, 1.9664



0.0533, 0.0592, 0.0086

Inverse Universe

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



12.5570, 12.4756, 23.5760



19.3566, 18.7547, 41.0530



12.8809, 11.3398, 23.3397



4.5140, 4.7036, 5.8707



4.4855, 2.5188, 21.3865



0.0203, 0.0182, 0.0757

Previews

White Background



This preview shows how the XYZ color 18.2367, 19.5292, 12.0409 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 18.2367, 19.5292, 12.0409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

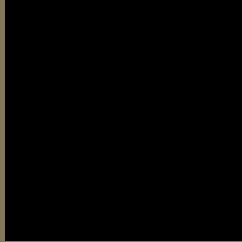
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.2367, 19.5292, 12.0409

Background



This preview shows how black text looks on a background with the XYZ color 18.2367, 19.5292, 12.0409.



This preview shows how white text looks on a background with the XYZ color 18.2367, 19.5292,

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

18.2367, 19.5292, 12.0409

Protanopia

18.2367, 19.5292, 12.0409

Deuteranopia

19.8415, 19.4636, 12.1623



Tritanopia

20.2805, 19.4632, 22.4265

Trichromacy



Original Color

18.2367, 19.5292, 12.0409

Protanomaly

18.2367, 19.5292, 12.0409

Deuteranomaly

19.2152, 19.4904, 12.2005

Tritanomaly

19.5131, 19.5144, 18.0674

Monochromacy



Original Color

18.2367, 19.5292, 12.0409

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.0551, 19.1388, 17.2106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2367, 19.5292, 12.0409 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(132, 122, 88)` looks like.

```
.text, #text, p{  
    color:rgb(132, 122, 88)  
}
```

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(132, 122, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 122, 88) }
```

Border

The CSS property to change the border of an element to XYZ 18.2367, 19.5292, 12.0409 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(132, 122, 88) }
```


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

```
.border{ border-color:rgb(132, 122, 88) }
```

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

Here you see how a box with a 4 pixel rgb(132, 122, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 122, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 122, 88);  
box-shadow:4px 4px 4px 4px rgb(132, 122,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2367, 19.5292, 12.0409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 122, 88) }
```

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

```
.background{ background-color: rgb(132,  
122, 88) }
```

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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