

Converting Colors

XYZ(17.2415, 19.1057, 13.6276)

Have a look what the booklet for
XYZ(17.2415, 19.1057, 13.6276)
contains.

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Color

**XYZ(17.3169, 19.2031,
13.6203)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7B5F
RGB	123, 123, 95
RGB Percent	48%, 48%, 37%
CMY	0.5176, 0.5176, 0.6274
CMYK	0.00, 0.00, 0.23, 0.52
HSL	60°, 13%, 43%
HSV	60°, 23%, 48%
XYZ	17.3169, 19.2031, 13.6203
YIQ	119.8080, 8.9880, -8.7080

Conversions

Conversions Part 2

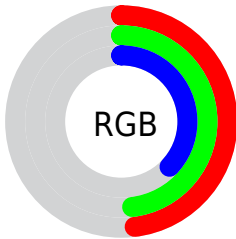
Format	Color
RYB	95, 123, 95
Decimal	8092511
CIELab	50.92, -5.01, 15.36
CIElCh	51, 16.159, 108.072
Yxy	19.2031, 0.3454, 0.3830
Android (android.graphics.Color)	4286282591 (0xFF7B7B5F)
YUV	119.8080, -12.2303, 2.7994
Hunter-Lab	43.8213, -6.1494, 12.2468

Details

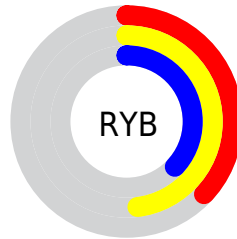
The XYZ color **17.3169, 19.2031, 13.6203** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.3874, 12.0478, 20.4126**, and the grayscale version is **17.8275, 18.7559, 20.4252**.

A 20% lighter version of the original color is **38.4228, 41.9654, 33.2692**, and **5.8272, 6.5752, 3.8677** is the 20% darker color. If you saturate the color by 10%, you get **16.8014, 18.9975, 10.9045**, and if you desaturate by 10%, it is **17.9217, 19.4457, 16.8020**.

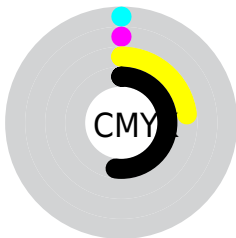
Distribution



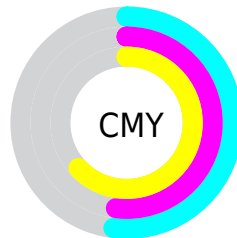
- Red (48%)
- Green (48%)
- Blue (37%)



- Red (37%)
- Yellow (48%)
- Blue (37%)



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (52%)



- Cyan (52%)
- Magenta (52%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3169, 19.2031, 13.6203 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 17.3169, 19.2031, 13.6203 by changing the saturation by 10% instead.

■ 17.3169, 19.2031,
13.6203

■ 17.3169, 19.2031,
13.6203

230.1128,
247.5677, 226.2014

■ 10.5574, 11.8171,
7.7213

■ 38.4091, 42.0770,
33.1211

■ 5.8351, 6.6193,
3.8320

■ 53.4725, 58.3337,
47.5601

■ 2.7848, 3.2252,
1.5336

■ 72.0346, 78.3162,
65.6828

■ 1.0410, 1.2504,
0.2428

■ 94.4608, 102.4087,
87.9078

■ 0.0000, 0.1023,
0.0000

121.1163,
130.9957, 114.6536

■ 0.0000, 0.0000,
0.0000

152.3666,

164.4616, 146.3388

188.5770,
203.1908, 183.3819

■ 17.3169, 19.2031,
13.6203

■ 17.3169, 19.2031,
13.6203

■ 16.8014, 18.9975,
10.9045

■ 17.9217, 19.4457,
16.8020

■ 16.3696, 18.8248,
8.6316

■ 18.6182, 19.7243,
20.4687

■ 16.0175, 18.6839,
6.7785

■ 19.4105, 20.0413,
24.6399

■ 15.7403, 18.5730,
5.3195

■ 20.3021, 20.3979,
29.3338

■ 15.5324, 18.4899,
4.2260

■ 21.2961, 20.7956,
34.5676

■ 15.3879, 18.4320,
3.4659

■ 22.3958, 21.2355,
40.3577

■ 15.2993, 18.3966,
3.0001

■ 23.6042, 21.7188,
46.7197

■ 15.2504, 18.3770,
2.7433

■ 24.9240, 22.2468,
53.6689

■ 26.3581, 22.8204,
61.2197

Harmonies

Analogous

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



18.8933, 19.2031, 13.4380



17.3169, 19.2031, 13.6203



16.0637, 19.2031, 15.5713

Triad

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



17.3169, 19.2031, 13.6203



16.2782, 19.2031, 28.1490



21.4205, 19.2031, 22.7775

Complementary

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



17.3169, 19.2031, 13.6203



12.3874, 12.0478, 20.4126

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.



20.6304, 19.2031, 27.3450



17.3169, 19.2031, 13.6203



17.6253, 19.2031, 30.7351

Square

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



17.3169, 19.2031, 13.6203



15.4885, 19.2031, 23.7541



19.2201, 19.2031, 30.4212



21.3260, 19.2031, 18.3005

Rectangle

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



17.3169, 19.2031, 13.6203



15.5519, 19.2031, 17.7970



19.2201, 19.2031, 30.4212



21.2478, 19.2031, 24.3639

Sweetspot

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



17.3174, 19.2040, 13.6207



32.7682, 35.0911, 33.6496



14.3267, 13.2220, 12.6237



7.7046, 8.2593, 7.8577



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.3174, 19.2040, 13.6207



30.5374, 34.1987, 21.9059



15.4559, 18.2443, 13.5336



4.3077, 4.6339, 4.2919



15.7755, 19.0098, 2.8378



75.2504, 90.6784, 13.5366

Inverse Universe

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



12.3874, 12.0478, 20.4126



20.1692, 19.1488, 36.1897



13.9746, 12.8661, 20.4868



3.7977, 3.8936, 4.9946



3.6986, 1.4795, 19.4759



17.6424, 7.0570, 92.9021

Previews

White Background



This preview shows how the XYZ color 17.3169, 19.2031, 13.6203 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 17.3169, 19.2031, 13.6203 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

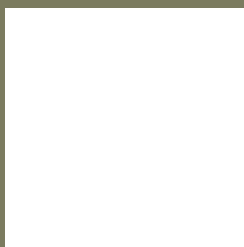
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3169, 19.2031, 13.6203

Background



This preview shows how black text looks on a background with the XYZ color 17.3169, 19.2031, 13.6203.



This preview shows how white text looks on a background with the XYZ color 17.3169, 19.2031,

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

17.3169, 19.2031, 13.6203

Protanopia

17.9110, 19.1500, 13.3420

Deuteranopia

19.3412, 18.9980, 13.7139



Tritanopia

19.2455, 19.2642, 23.1261

Trichromacy



Original Color

17.3169, 19.2031, 13.6203

Protanomaly

17.7323, 19.2392, 13.3686

Deuteranomaly

18.5397, 19.1065, 13.7771

Tritanomaly

18.4730, 19.1295, 19.2417

Monochromacy



Original Color

17.3169, 19.2031, 13.6203

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.5918, 18.8874, 17.7574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3169, 19.2031, 13.6203 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(123, 123, 95)` looks like.

```
.text, #text, p{  
    color:rgb(123, 123, 95)  
}
```

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(123, 123, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 123, 95) }
```

Border

The CSS property to change the border of an element to XYZ 17.3169, 19.2031, 13.6203 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(123, 123, 95) }
```


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

```
.border{ border-color:rgb(123, 123, 95) }
```

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

Here you see how a box with a 4 pixel rgb(123, 123, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 123, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 123, 95);  
box-shadow:4px 4px 4px 4px rgb(123, 123,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3169, 19.2031, 13.6203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 123, 95) }
```

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

```
.background{ background-color: rgb(123,  
123, 95) }
```

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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