

Converting Colors

XYZ(18.1339, 17.0315, 13.2087)

Have a look what the booklet for
XYZ(18.1339, 17.0315, 13.2087)
contains.

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Color

**XYZ(18.0756, 17.0403,
13.1629)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6C5F
RGB	139, 108, 95
RGB Percent	55%, 42%, 37%
CMY	0.4549, 0.5765, 0.6274
CMYK	0.00, 0.22, 0.32, 0.45
HSL	18°, 19%, 46%
HSV	18°, 32%, 55%
XYZ	18.0756, 17.0403, 13.1629
YIQ	115.7870, 22.6490, 2.5290

Conversions

Conversions Part 2

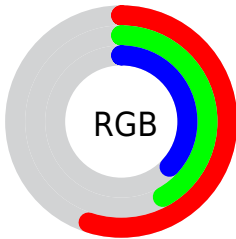
Format	Color
R_{YB}	139, 113, 95
Decimal	9137247
CIE Lab	48.31, 10.33, 11.99
CIE LCh	48, 15.826, 49.246
Yxy	17.0403, 0.3744, 0.3530
Android (android.graphics.Color)	4287327327 (0xFF8B6C5F)
YUV	115.7870, -10.2480, 20.3578
Hunter-Lab	41.2799, 5.9216, 9.9902

Details

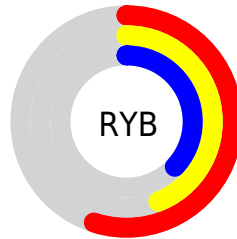
The XYZ color **18.0756, 17.0403, 13.1629** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.8402, 19.2182, 27.2481**, and the grayscale version is **16.5611, 17.4236, 18.9743**.

A 20% lighter version of the original color is **39.5013, 38.1781, 32.0752**, and **6.2476, 5.6339, 3.6639** is the 20% darker color. If you saturate the color by 10%, you get **16.5240, 14.8595, 9.8017**, and if you desaturate by 10%, it is **19.8569, 19.4998, 17.1573**.

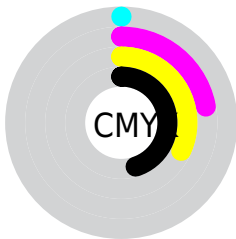
Distribution



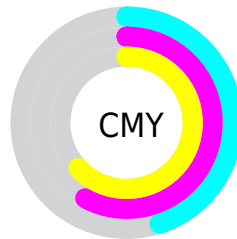
- Red (55%)
- Green (42%)
- Blue (37%)



- Red (55%)
- Yellow (44%)
- Blue (37%)



- Cyan (0%)
- Magenta (22%)
- Yellow (32%)
- Black (45%)





- Cyan (45%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.0756, 17.0403, 13.1629 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 18.0756, 17.0403, 13.1629 by changing the saturation by 10% instead.


 18.0756, 17.0403,
13.1629


 18.0756, 17.0403,
13.1629


234.3342,
235.4045, 223.2034


 11.1043, 10.2632,
7.4088


 39.6952, 38.3951,
32.2916

 6.2048, 5.5738,
3.6367


 55.0742, 53.7415,
46.5033

 3.0119, 2.5877,
1.4283

 73.9864, 72.7132,
64.3712

 1.1600, 0.9205,
0.1636

 96.7973, 95.6946,
86.3139

 0.0745, 0.0000,
0.0000

123.8721,
123.0700, 112.7499

 0.0000, 0.0000,
0.0000

155.5763,

155.2239, 144.0978

192.2752,
192.5406, 180.7761

■ 18.0756, 17.0403,
13.1629

■ 18.0756, 17.0403,
13.1629

■ 16.5240, 14.8595,
9.8017

■ 19.8569, 19.4998,
17.1573

■ 15.1909, 12.9451,
7.0398

■ 21.8758, 22.2452,
21.8144

■ 14.0662, 11.2870,
4.8418

■ 24.1413, 25.2863,
27.1630

■ 13.1383, 9.8740,
3.1679

■ 26.6617, 28.6317,
33.2298

■ 12.3945, 8.6936,
1.9730

■ 29.4448, 32.2896,
40.0403

■ 11.8202, 7.7321,
1.2046

■ 32.4981, 36.2682,
47.6186

■ 11.4431, 7.0802,
0.7635

■ 35.8287, 40.5749,
55.9877

■ 39.4437, 45.2172,
65.1696

■ 43.3495, 50.2023,
75.1857

Harmonies

Analogous

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



18.9591, 17.0403, 16.0565



18.0756, 17.0403, 13.1629



16.7195, 17.0403, 11.7920

Triad

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



18.0756, 17.0403, 13.1629



13.6209, 17.0403, 17.1107



17.1280, 17.0403, 27.1110

Complementary

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



18.0756, 17.0403, 13.1629



16.8402, 19.2182, 27.2481

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.



15.6842, 17.0403, 27.5050



18.0756, 17.0403, 13.1629



13.7159, 17.0403, 21.2979

Square

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



18.0756, 17.0403, 13.1629



14.1844, 17.0403, 13.8358



14.4520, 17.0403, 25.2465



18.3899, 17.0403, 24.2388

Rectangle

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



18.0756, 17.0403, 13.1629



15.7546, 17.0403, 11.7652



14.4520, 17.0403, 25.2465



16.6461, 17.0403, 27.5522

Sweetspot

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



18.0760, 17.0411, 13.1632



40.1315, 41.1263, 41.3038



18.5403, 15.1938, 21.8753



9.1292, 9.3174, 9.2406



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.



18.0760, 17.0411, 13.1632



30.3369, 27.6661, 19.1438



20.6250, 22.1391, 14.0129



5.1455, 5.2739, 5.2992



10.3415, 6.4173, 0.6936



0.0802, 0.0656, 0.0084

Inverse Universe

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



16.8402, 19.2182, 27.2481



27.7555, 32.1910, 48.4936



14.3839, 14.3055, 26.4294



5.0501, 5.4432, 6.3903



8.1569, 9.5841, 23.4657



0.0669, 0.0892, 0.1601

Previews

White Background



This preview shows how the XYZ color 18.0756, 17.0403, 13.1629 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 18.0756, 17.0403, 13.1629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

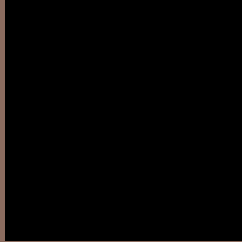
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.0756, 17.0403, 13.1629

Background



This preview shows how black text looks on a background with the XYZ color 18.0756, 17.0403, 13.1629.



This preview shows how white text looks on a background with the XYZ color 18.0756, 17.0403,

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

18.0756, 17.0403, 13.1629

Protanopia

16.2205, 17.2083, 14.0219

Deuteranopia

17.3144, 16.9646, 13.1884



Tritanopia

19.0167, 16.9581, 17.8937

Trichromacy



Original Color

18.0756, 17.0403, 13.1629

Protanomaly

16.8539, 17.0406, 13.7101

Deuteranomaly

17.5259, 16.9144, 13.1676

Tritanomaly

18.5708, 16.9241, 15.9236

Monochromacy



Original Color

18.0756, 17.0403, 13.1629

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9241, 17.1781, 16.6111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0756, 17.0403, 13.1629 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(139, 108, 95)` looks like.

```
.text, #text, p{  
    color:rgb(139, 108, 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(139, 108, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 108, 95) }
```

Border

The CSS property to change the border of an element to XYZ 18.0756, 17.0403, 13.1629 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(139, 108, 95) }
```


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

```
.border{ border-color:rgb(139, 108, 95) }
```

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

Here you see how a box with a 4 pixel rgb(139, 108, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 108, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 108, 95);  
box-shadow:4px 4px 4px 4px rgb(139, 108,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0756, 17.0403, 13.1629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 108, 95) }
```

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

```
.background{ background-color: rgb(139,  
108, 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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