

Converting Colors

XYZ(18.1022, 17.2105, 13.6113)

Have a look what the booklet for
XYZ(18.1022, 17.2105, 13.6113)
contains.

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Color

**XYZ(18.1075, 17.2036,
13.6755)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6D61
RGB	138, 109, 97
RGB Percent	54%, 43%, 38%
CMY	0.4588, 0.5725, 0.6196
CMYK	0.00, 0.21, 0.30, 0.46
HSL	18°, 17%, 46%
HSV	18°, 30%, 54%
XYZ	18.1075, 17.2036, 13.6755
YIQ	116.3030, 21.1360, 2.4160

Conversions

Conversions Part 2

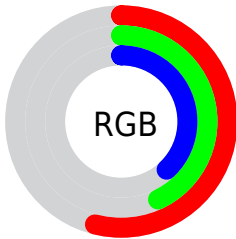
Format	Color
R_{YB}	138, 114, 97
Decimal	9071969
CIE Lab	48.52, 9.62, 11.07
CIE LCh	49, 14.668, 49.026
Yxy	17.2036, 0.3696, 0.3512
Android (android.graphics.Color)	4287262049 (0xFF8A6D61)
YUV	116.3030, -9.5164, 19.0283
Hunter-Lab	41.4772, 5.3417, 9.4855

Details

The XYZ color **18.1075, 17.2036, 13.6755** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.9778, 19.2974, 26.8747**, and the grayscale version is **16.7176, 17.5882, 19.1536**.

A 20% lighter version of the original color is **39.8284, 38.8343, 33.4136**, and **6.1968, 5.6027, 3.8868** is the 20% darker color. If you saturate the color by 10%, you get **16.5353, 15.0008, 10.2483**, and if you desaturate by 10%, it is **19.9082, 19.6840, 17.7316**.

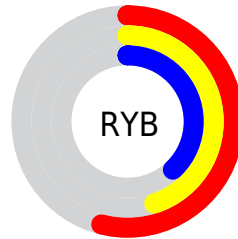
Distribution



Red (54%)

Green (43%)

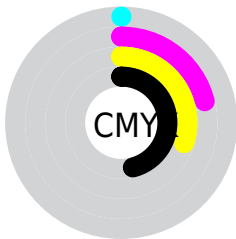
Blue (38%)



Red (54%)

Yellow (45%)

Blue (38%)

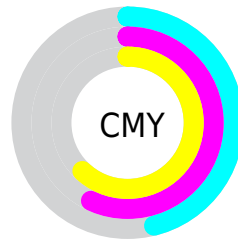


Cyan (0%)

Magenta (21%)

Yellow (30%)

Black (46%)



Cyan (46%)

Magenta (57%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1075, 17.2036, 13.6755 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 18.1075, 17.2036, 13.6755 by changing the saturation by 10% instead.

■ 18.1075, 17.2036,
13.6755

■ 18.1075, 17.2036,
13.6755

234.5102,
236.3429, 226.5604

■ 11.1274, 10.3798,
7.7592

■ 39.7491, 38.6755,
33.2209

■ 6.2205, 5.6515,
3.8557

■ 55.1412, 54.0924,
47.6871

■ 3.0215, 2.6343,
1.5465

■ 74.0680, 73.1423,
65.8403

■ 1.1652, 0.9440,
0.2522

■ 96.8949, 96.2098,
88.0990

■ 0.0786, 0.0000,
0.0000

123.9872,
123.6793, 114.8819

■ 0.0000, 0.0000,
0.0000

155.7103,

155.9350, 146.6074

192.4295,
193.3614, 183.6940

■ 18.1075, 17.2036,
13.6755

■ 18.1075, 17.2036,
13.6755

■ 16.5353, 15.0008,
10.2483

■ 19.9082, 19.6840,
17.7316

■ 15.1807, 13.0635,
7.4171

■ 21.9451, 22.4490,
22.4451

■ 14.0338, 11.3819,
5.1477

■ 24.2270, 25.5083,
27.8439

■ 13.0835, 9.9448,
3.4018

■ 26.7619, 28.8703,
33.9541

■ 12.3174, 8.7402,
2.1365

■ 29.5576, 32.5432,
40.8004

■ 11.7215, 7.7549,
1.3017

■ 32.6213, 36.5347,
48.4063

■ 11.2655, 6.9682,
0.7628

■ 35.9601, 40.8525,
56.7942

■ 11.2536, 6.9480,
0.7480

■ 39.5808, 45.5039,
65.9857

■ 43.4898, 50.4957,
76.0014

Harmonies

Analogous

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



18.9216, 17.2036, 16.4184



18.1075, 17.2036, 13.6755



16.8490, 17.2036, 12.3581

Triad

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



18.1075, 17.2036, 13.6755



13.9406, 17.2036, 17.3563



17.2096, 17.2036, 26.6469

Complementary

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



18.1075, 17.2036, 13.6755



16.9778, 19.2974, 26.8747

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.



15.8639, 17.2036, 26.9890



18.1075, 17.2036, 13.6755



14.0253, 17.2036, 21.2529

Square

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



18.1075, 17.2036, 13.6755



14.4747, 17.2036, 14.2808



14.7129, 17.2036, 24.9021



18.3839, 17.2036, 24.0231

Rectangle

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



18.1075, 17.2036, 13.6755



15.9489, 17.2036, 12.3250



14.7129, 17.2036, 24.9021



16.7608, 17.2036, 27.0448

Sweetspot

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



18.1080, 17.2044, 13.6759



38.8794, 39.8364, 40.0255



18.5467, 15.4691, 21.8770



8.6114, 8.7880, 8.7223



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.



18.1080, 17.2044, 13.6759



29.9207, 27.5341, 19.7289



20.5046, 21.9977, 14.4747



5.1445, 5.2718, 5.2988



10.3294, 6.3933, 0.6896



0.0800, 0.0653, 0.0084

Inverse Universe

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



16.9778, 19.2974, 26.8747



27.5736, 31.8614, 47.0798



14.6594, 14.6606, 26.1019



5.0513, 5.4455, 6.3907



8.1893, 9.6488, 23.4765



0.0671, 0.0895, 0.1602

Previews

White Background



This preview shows how the XYZ color 18.1075, 17.2036, 13.6755 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 18.1075, 17.2036, 13.6755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

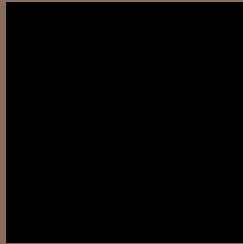
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.1075, 17.2036, 13.6755

Background



This preview shows how black text looks on a background with the XYZ color 18.1075, 17.2036, 13.6755.



This preview shows how white text looks on a background with the XYZ color 18.1075, 17.2036,

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

18.1075, 17.2036, 13.6755

Protanopia

16.3161, 17.2465, 14.5255

Deuteranopia

17.5150, 17.2185, 13.7096



Tritanopia

19.0638, 17.1213, 18.5196

Trichromacy



Original Color

18.1075, 17.2036, 13.6755

Protanomaly

16.9097, 17.2231, 14.2375

Deuteranomaly

17.7253, 17.1658, 13.6884

Tritanomaly

18.6119, 17.0871, 16.5045

Monochromacy



Original Color

18.1075, 17.2036, 13.6755

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9776, 17.1995, 16.8930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1075, 17.2036, 13.6755 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(138, 109, 97)` looks like.

```
.text, #text, p{  
    color:rgb(138, 109, 97)  
}
```

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(138, 109, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 109, 97) }
```

Border

The CSS property to change the border of an element to XYZ 18.1075, 17.2036, 13.6755 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(138, 109, 97) }
```


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

```
.border{ border-color:rgb(138, 109, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 109, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 109, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 109, 97);  
box-shadow:4px 4px 4px 4px rgb(138, 109,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1075, 17.2036, 13.6755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 109, 97) }
```

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

```
.background{ background-color: rgb(138,  
109, 97) }
```

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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