

Converting Colors

XYZ(17.0982, 17.9469, 8.4596)

Have a look what the booklet for
XYZ(17.0982, 17.9469, 8.4596)
contains.

XYZ(17.0556, 17.9323, 8.5236)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0556, 17.9323,
8.5236)**

Conversions

Conversions Part 1

Format	Color
Hex	857447
RGB	133, 116, 71
RGB Percent	52%, 45%, 28%
CMY	0.4784, 0.5451, 0.7216
CMYK	0.00, 0.13, 0.47, 0.48
HSL	44°, 30%, 40%
HSV	44°, 47%, 52%
XYZ	17.0556, 17.9323, 8.5236
YIQ	115.9530, 24.5770, -10.3910

Conversions

Conversions Part 2

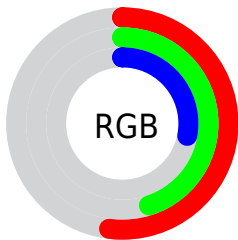
Format	Color
R_{YB}	94, 133, 71
Decimal	8746055
CIE _{Lab}	49.41, 0.06, 27.23
CIE _{LCh}	49, 27.227, 89.867
Yxy	17.9323, 0.3920, 0.4121
Android (android.graphics.Color)	4286936135 (0xFF857447)
YUV	115.9530, -22.1618, 14.9502
Hunter-Lab	42.3465, -2.2134, 17.7086

Details

The XYZ color **17.0556, 17.9323, 8.5236** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.3218, 10.0121, 23.5787**, and the grayscale version is **16.6470, 17.5139, 19.0726**.

A 20% lighter version of the original color is **37.8863, 39.9261, 23.4790**, and **5.7333, 6.0027, 1.8337** is the 20% darker color. If you saturate the color by 10%, you get **16.2627, 16.9564, 6.3791**, and if you desaturate by 10%, it is **17.9593, 18.9802, 11.1665**.

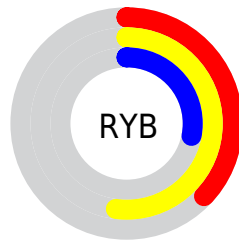
Distribution



Red (52%)

Green (45%)

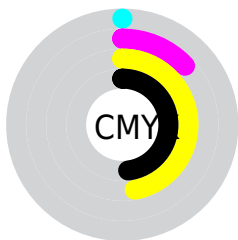
Blue (28%)



Red (37%)

Yellow (52%)

Blue (28%)

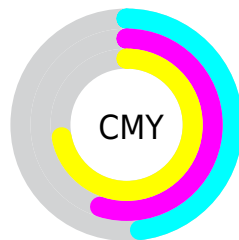


Cyan (0%)

Magenta (13%)

Yellow (47%)

Black (48%)



Cyan (48%)

Magenta (55%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0556, 17.9323, 8.5236 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 17.0556, 17.9323, 8.5236 by changing the saturation by 10% instead.

■ 17.0556, 17.9323,
8.5236

■ 17.0556, 17.9323,
8.5236

228.6426,
240.4892, 189.8684

■ 10.3697, 10.9014,
4.3392

■ 37.9642, 39.9219,
23.5416

■ 5.7089, 6.0006,
1.8132

■ 52.9176, 55.6494,
35.2123

■ 2.7079, 2.8454,
0.4367

■ 71.3575, 75.0446,
50.2155

■ 1.0012, 1.0516,
0.0000

■ 93.6493, 98.4918,
68.9698

■ 0.0000, 0.0000,
0.0000

■ 120.1584,
126.3755, 91.8937

151.2500,

159.0800, 119.4057

187.2896,
196.9898, 151.9245

■ 17.0556, 17.9323,
8.5236

■ 17.0556, 17.9323,
8.5236

■ 16.2627, 16.9564,
6.3791

■ 17.9593, 18.9802,
11.1665

■ 15.5730, 16.0473,
4.6993

■ 18.9784, 20.1003,
14.3363

■ 14.9798, 15.2026,
3.4482

■ 20.1185, 21.2958,
18.0606

■ 14.4749, 14.4186,
2.5840

■ 21.3847, 22.5690,
22.3648

■ 14.0440, 13.6895,
2.0314

■ 22.7817, 23.9220,
27.2726

■ 13.9051, 13.4511,
1.8634

■ 24.3139, 25.3569,
32.8065

■ 25.9854, 26.8757,
38.9879

■ 27.8004, 28.4802,
45.8370

■ 29.7626, 30.1723,
53.3732

Harmonies

Analogous

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



19.6449, 17.9323, 9.6712



17.0556, 17.9323, 8.5236



14.7017, 17.9323, 9.6507

Triad

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



17.0556, 17.9323, 8.5236



13.1109, 17.9323, 27.4475



21.6809, 17.9323, 27.5190

Complementary

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



17.0556, 17.9323, 8.5236



10.3218, 10.0121, 23.5787

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.



19.6230, 17.9323, 34.5340



17.0556, 17.9323, 8.5236



14.6836, 17.9323, 34.4859

Square

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



17.0556, 17.9323, 8.5236



12.5681, 17.9323, 19.4924



17.0326, 17.9323, 37.3541



22.4737, 17.9323, 19.5581

Rectangle

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



17.0556, 17.9323, 8.5236



13.5410, 17.9323, 11.7553



17.0326, 17.9323, 37.3541



21.1046, 17.9323, 30.1316

Sweetspot

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



17.0560, 17.9331, 8.5240



36.5290, 38.6479, 34.0202



13.7112, 10.2072, 10.6038



8.1382, 8.6137, 7.3579



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.



17.0560, 17.9331, 8.5240



29.0366, 30.2550, 11.2010



17.2107, 21.1921, 9.1449



4.9347, 5.2129, 4.9755



13.2518, 12.8263, 1.7773



0.0520, 0.0566, 0.0082

Inverse Universe

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



10.3218, 10.0121, 23.5787



15.4275, 14.2650, 41.6787



10.1821, 8.1050, 23.2180



4.5307, 4.7371, 5.8763



4.6530, 2.8538, 21.4423



0.0216, 0.0208, 0.0761

Previews

White Background



This preview shows how the XYZ color 17.0556, 17.9323, 8.5236 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 17.0556, 17.9323, 8.5236 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 17.0556, 17.9323, 8.5236

Background



This preview shows how black text looks on a background with the XYZ color 17.0556, 17.9323, 8.5236.



This preview shows how white text looks on a background with the XYZ color 17.0556, 17.9323,

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

17.0556, 17.9323, 8.5236

Protanopia

16.5502, 18.0139, 8.7356

Deuteranopia

18.1192, 17.8070, 8.6130



Tritanopia

19.3869, 17.8870, 19.8835

Trichromacy



Original Color

17.0556, 17.9323, 8.5236

Protanomaly

16.7369, 17.9363, 8.7108

Deuteranomaly

17.7223, 17.7671, 8.6262

Tritanomaly

18.3458, 17.7819, 15.0357

Monochromacy



Original Color

17.0556, 17.9323, 8.5236

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.5717, 17.5485, 14.5704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0556, 17.9323, 8.5236 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(133, 116, 71)` looks like.

```
.text, #text, p{  
    color:rgb(133, 116, 71)  
}
```

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(133, 116, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 116, 71) }
```

Border

The CSS property to change the border of an element to XYZ 17.0556, 17.9323, 8.5236 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(133, 116, 71) }
```


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

```
.border{ border-color:rgb(133, 116, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 116, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 116, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 116, 71);  
box-shadow:4px 4px 4px 4px rgb(133, 116,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0556, 17.9323, 8.5236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 116, 71) }
```

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

```
.background{ background-color: rgb(133,  
116, 71) }
```

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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