

Converting Colors

XYZ(16.2589, 16.0516, 8.3722)

Have a look what the booklet for
XYZ(16.2589, 16.0516, 8.3722)
contains.

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Color

**XYZ(16.2589, 16.0516,
8.3722)**

Conversions

Conversions Part 1

Format	Color
Hex	866B48
RGB	134, 107, 72
RGB Percent	53%, 42%, 28%
CMY	0.4745, 0.5804, 0.7176
CMYK	0.00, 0.20, 0.46, 0.47
HSL	34°, 30%, 40%
HSV	34°, 46%, 53%
XYZ	16.2589, 16.0516, 8.3722
YIQ	111.0830, 27.3270, -5.1610

Conversions

Conversions Part 2

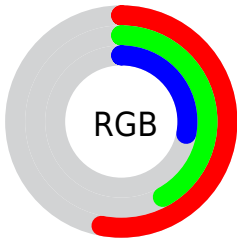
Format	Color
RYB	120, 134, 72
Decimal	8809288
CIELab	47.04, 5.83, 23.65
CIElCh	47, 24.354, 76.161
Yxy	16.0516, 0.3997, 0.3946
Android (android.graphics.Color)	4286999368 (0xFF866B48)
YUV	111.0830, -19.2679, 20.0982
Hunter-Lab	40.0644, 2.3258, 15.6554

Details

The XYZ color **16.2589, 16.0516, 8.3722** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.4372, 12.0221, 24.2719**, and the grayscale version is **15.1825, 15.9732, 17.3948**.

A 20% lighter version of the original color is **36.6643, 36.6530, 23.2315**, and **5.2934, 5.1047, 1.7432** is the 20% darker color. If you saturate the color by 10%, you get **15.2807, 14.7202, 6.1195**, and if you desaturate by 10%, it is **17.3743, 17.5048, 11.1411**.

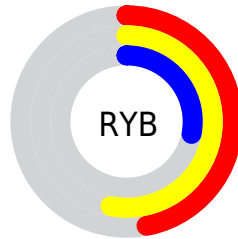
Distribution



Red (53%)

Green (42%)

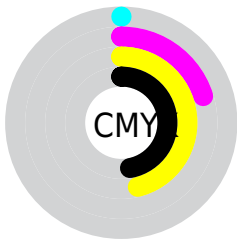
Blue (28%)



Red (47%)

Yellow (53%)

Blue (28%)

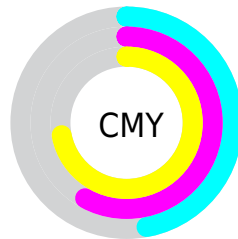


Cyan (0%)

Magenta (20%)

Yellow (46%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2589, 16.0516, 8.3722 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 16.2589, 16.0516, 8.3722 by changing the saturation by 10% instead.

■ 16.2589, 16.0516,
8.3722

■ 16.2589, 16.0516,
8.3722

224.1051,
229.6460, 188.6652

■ 9.7996, 9.5607,
4.2429

■ 36.6009, 36.6878,
23.2430

■ 5.3275, 5.1087,
1.7595

■ 51.2143, 51.6018,
34.8216

■ 2.4774, 2.3112,
0.4010

■ 69.2764, 70.0923,
49.7203

■ 0.8839, 0.7796,
0.0000

■ 91.1526, 92.5437,
68.3577

■ 0.0000, 0.0000,
0.0000

■ 117.2082,
119.3404, 91.1524

147.8085,

150.8667, 118.5228

183.3191,
187.5071, 150.8876

■ 16.2589, 16.0516,
8.3722

■ 16.2589, 16.0516,
8.3722

■ 15.2807, 14.7202,
6.1195

■ 17.3743, 17.5048,
11.1411

■ 14.4314, 13.5041,
4.3489

■ 18.6321, 19.0814,
14.4556

■ 13.7036, 12.3997,
3.0235

■ 20.0388, 20.7856,
18.3438

■ 13.0883, 11.4020,
2.1006

■ 21.6000, 22.6210,
22.8318

■ 12.5712, 10.5039,
1.5085

■ 23.3209, 24.5908,
27.9438

■ 12.3920, 10.1894,
1.3136

■ 25.2067, 26.6981,
33.7029

■ 27.2621, 28.9460,
40.1310

■ 29.4917, 31.3374,
47.2488

■ 31.8998, 33.8751,
55.0762

Harmonies

Analogous

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



18.2778, 16.0516, 10.2994



16.2589, 16.0516, 8.3722



14.1430, 16.0516, 8.4479

Triad

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



16.2589, 16.0516, 8.3722



11.6461, 16.0516, 20.9556



18.4107, 16.0516, 26.9425

Complementary

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



16.2589, 16.0516, 8.3722



11.4372, 12.0221, 24.2719

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.



16.4271, 16.0516, 31.3636



16.2589, 16.0516, 8.3722



12.5881, 16.0516, 27.3944

Square

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



16.2589, 16.0516, 8.3722



11.6101, 16.0516, 14.8154



14.2963, 16.0516, 31.5460



19.5962, 16.0516, 20.4407

Rectangle

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



16.2589, 16.0516, 8.3722



12.9618, 16.0516, 9.6050



14.2963, 16.0516, 31.5460



17.8073, 16.0516, 28.7815

Sweetspot

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



16.2593, 16.0524, 8.3725



35.8238, 37.2377, 33.7852



14.4444, 10.6214, 13.3202



7.9603, 8.2579, 7.2986



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.



16.2593, 16.0524, 8.3725



26.7691, 25.7201, 10.4452



19.0394, 22.3353, 9.4387



4.8744, 5.0924, 4.9554



11.6240, 9.5705, 1.2346



0.0475, 0.0477, 0.0067

Inverse Universe

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



11.4372, 12.0221, 24.2719



17.1324, 17.6747, 42.2470



9.5300, 7.8560, 23.5683



4.5889, 4.8534, 5.8957



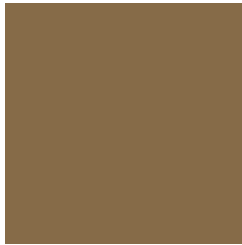
5.4774, 4.5026, 21.7171



0.0260, 0.0297, 0.0776

Previews

White Background



This preview shows how the XYZ color 16.2589, 16.0516, 8.3722 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 16.2589, 16.0516, 8.3722 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 16.2589, 16.0516, 8.3722

Background



This preview shows how black text looks on a background with the XYZ color 16.2589, 16.0516, 8.3722.



This preview shows how white text looks on a background with the XYZ color 16.2589, 16.0516,

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

16.2589, 16.0516, 8.3722

Protanopia

14.9154, 16.1477, 8.8093

Deuteranopia

16.4191, 16.1342, 8.3797



Tritanopia

18.0471, 16.0318, 16.8951

Trichromacy



Original Color

16.2589, 16.0516, 8.3722

Protanomaly

15.3827, 16.0685, 8.5941

Deuteranomaly

16.4191, 16.1342, 8.3797

Tritanomaly

17.3782, 16.0635, 13.2510

Monochromacy



Original Color

16.2589, 16.0516, 8.3722

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.3413, 15.9369, 13.5768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2589, 16.0516, 8.3722 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(134, 107, 72)` looks like.

```
.text, #text, p{  
    color:rgb(134, 107, 72)  
}
```

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(134, 107, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 107, 72) }
```

Border

The CSS property to change the border of an element to XYZ 16.2589, 16.0516, 8.3722 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(134, 107, 72) }
```


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

```
.border{ border-color:rgb(134, 107, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 107, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 107, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 107, 72);  
box-shadow:4px 4px 4px 4px rgb(134, 107,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2589, 16.0516, 8.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 107, 72) }
```

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

```
.background{ background-color: rgb(134,  
107, 72) }
```

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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