

Converting Colors

XYZ(16.4979, 16.5791, 7.8546)

Have a look what the booklet for
XYZ(16.4979, 16.5791, 7.8546)
contains.

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Color

**XYZ(16.5037, 16.5055,
7.7849)**

Conversions

Conversions Part 1

Format	Color
Hex	876D44
RGB	135, 109, 68
RGB Percent	53%, 43%, 27%
CMY	0.4706, 0.5725, 0.7333
CMYK	0.00, 0.19, 0.50, 0.47
HSL	37°, 33%, 40%
HSV	37°, 50%, 53%
XYZ	16.5037, 16.5055, 7.7849
YIQ	112.1000, 28.6570, -7.2390

Conversions

Conversions Part 2

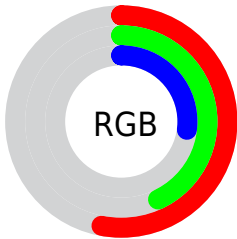
Format	Color
R_{YB}	110, 135, 68
Decimal	8875332
CIE _{Lab}	47.63, 4.67, 26.70
CIE _{LCh}	48, 27.105, 80.071
Yxy	16.5055, 0.4046, 0.4046
Android (android.graphics.Color)	4287065412 (0xFF876D44)
YUV	112.1000, -21.7413, 20.0833
Hunter-Lab	40.6270, 1.4140, 17.0778

Details

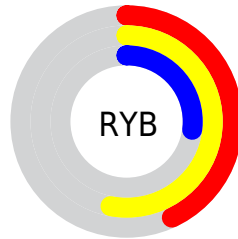
The XYZ color **16.5037, 16.5055, 7.7849** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.7597, 10.9833, 24.4745**, and the grayscale version is **15.4867, 16.2932, 17.7433**.

A 20% lighter version of the original color is **37.0169, 37.3731, 22.0924**, and **5.4446, 5.3461, 1.5556** is the 20% darker color. If you saturate the color by 10%, you get **15.5961, 15.2754, 5.6785**, and if you desaturate by 10%, it is **17.5404, 17.8417, 10.4028**.

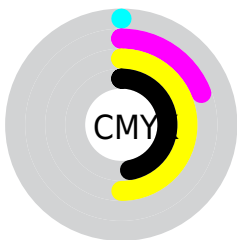
Distribution



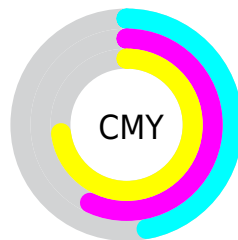
- Red (53%)
- Green (43%)
- Blue (27%)



- Red (43%)
- Yellow (53%)
- Blue (27%)



- Cyan (0%)
- Magenta (19%)
- Yellow (50%)
- Black (47%)



- Cyan (47%)
- Magenta (57%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5037, 16.5055, 7.7849 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 16.5037, 16.5055, 7.7849 by changing the saturation by 10% instead.

■ 16.5037, 16.5055,
7.7849

■ 16.5037, 16.5055,
7.7849

225.5083,
232.3064, 183.9062

■ 9.9744, 9.8826,
3.8718

■ 37.0209, 37.4736,
22.0748

■ 5.4441, 5.3212,
1.5553

■ 51.7395, 52.5875,
33.2888

■ 2.5475, 2.4369,
0.2586

■ 69.9185, 71.3006,
47.7734

■ 0.9193, 0.8448,
0.0000

■ 91.9234, 93.9971,
65.9473

■ 0.0000, 0.0000,
0.0000

■ 118.1195,
121.0616, 88.2290

148.8721,

152.8783, 115.0370

184.5466,
189.8318, 146.7899

■ 16.5037, 16.5055,
7.7849

■ 16.5037, 16.5055,
7.7849

■ 15.5961, 15.2754,
5.6785

■ 17.5404, 17.8417,
10.4028

■ 14.8091, 14.1453,
4.0477

■ 18.7114, 19.2853,
13.5630

■ 14.1351, 13.1119,
2.8534

■ 20.0232, 20.8403,
17.2949

■ 13.5648, 12.1704,
2.0497

■ 21.4814, 22.5097,
21.6254

■ 13.0733, 11.3098,
1.5084

■ 23.0914, 24.2966,
26.5798

■ 13.0558, 11.2791,
1.4890

■ 24.8580, 26.2037,
32.1820

■ 26.7861, 28.2338,
38.4544

■ 28.8802, 30.3895,
45.4186

■ 31.1447, 32.6732,
53.0950

Harmonies

Analogous

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



18.8666, 16.5055, 9.5701



16.5037, 16.5055, 7.7849



14.1453, 16.5055, 8.1391

Triad

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



16.5037, 16.5055, 7.7849



11.7123, 16.5055, 22.9416



19.5318, 16.5055, 27.9486

Complementary

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



16.5037, 16.5055, 7.7849



10.7597, 10.9833, 24.4745

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.



17.3389, 16.5055, 33.6111



16.5037, 16.5055, 7.7849



12.8881, 16.5055, 30.2438

Square

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



16.5037, 16.5055, 7.7849



11.5381, 16.5055, 15.7713



14.8996, 16.5055, 34.5447



20.7299, 16.5055, 20.3677

Rectangle

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



16.5037, 16.5055, 7.7849



12.8803, 16.5055, 9.5840



14.8996, 16.5055, 34.5447



18.8766, 16.5055, 30.2137

Sweetspot

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



16.5041, 16.5063, 7.7852



36.9461, 38.5789, 34.1669



14.1154, 10.1079, 11.9861



8.4471, 8.8088, 7.5906



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.



16.5041, 16.5063, 7.7852



27.6729, 26.9957, 9.6096



18.6547, 22.3578, 8.8013



4.8920, 5.1276, 4.9613



12.0522, 10.4270, 1.3774



0.0489, 0.0503, 0.0071

Inverse Universe

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



10.7597, 10.9833, 24.4745



16.1067, 15.8927, 43.2670



9.3187, 7.3675, 23.8526



4.5717, 4.8190, 5.8900



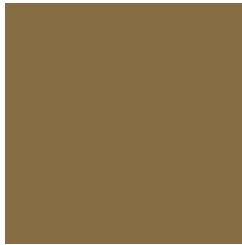
5.1930, 3.9339, 21.6223



0.0247, 0.0271, 0.0771

Previews

White Background



This preview shows how the XYZ color 16.5037, 16.5055, 7.7849 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 16.5037, 16.5055, 7.7849 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 16.5037, 16.5055, 7.7849

Background



This preview shows how black text looks on a background with the XYZ color 16.5037, 16.5055, 7.7849.



This preview shows how white text looks on a background with the XYZ color 16.5037, 16.5055,

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

16.5037, 16.5055, 7.7849

Protanopia

15.3228, 16.5375, 8.1788

Deuteranopia

16.7225, 16.4608, 7.7647



Tritanopia

18.5224, 16.5594, 17.5493

Trichromacy



Original Color

16.5037, 16.5055, 7.7849

Protanomaly

15.7704, 16.6072, 8.0045

Deuteranomaly

16.5593, 16.3767, 7.7571

Tritanomaly

17.7466, 16.5559, 13.3266

Monochromacy



Original Color

16.5037, 16.5055, 7.7849

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.5415, 16.2065, 13.3754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5037, 16.5055, 7.7849 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(135, 109, 68)` looks like.

```
.text, #text, p{  
    color:rgb(135, 109, 68)  
}
```

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(135, 109, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 109, 68) }
```

Border

The CSS property to change the border of an element to XYZ 16.5037, 16.5055, 7.7849 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(135, 109, 68) }
```


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

```
.border{ border-color:rgb(135, 109, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 109, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 109, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 109, 68);  
box-shadow:4px 4px 4px 4px rgb(135, 109,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5037, 16.5055, 7.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 109, 68) }
```

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

```
.background{ background-color: rgb(135,  
109, 68) }
```

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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