

Converting Colors

XYZ(15.5613, 15.6067, 5.2098)

Have a look what the booklet for
XYZ(15.5613, 15.6067, 5.2098)
contains.

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Color

**XYZ(15.5613, 15.6067,
5.2098)**

Conversions

Conversions Part 1

Format	Color
Hex	866A32
RGB	134, 106, 50
RGB Percent	53%, 42%, 20%
CMY	0.4745, 0.5843, 0.8039
CMYK	0.00, 0.21, 0.63, 0.47
HSL	40°, 46%, 36%
HSV	40°, 63%, 53%
XYZ	15.5613, 15.6067, 5.2098
YIQ	107.9880, 34.6640, -11.4800

Conversions

Conversions Part 2

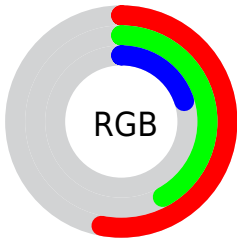
Format	Color
R_{YB}	92, 134, 50
Decimal	8809010
CIE Lab	46.45, 4.33, 35.07
CIE LCh	46, 35.338, 82.960
Yxy	15.6067, 0.4278, 0.4290
Android (android.graphics.Color)	4286999090 (0xFF866A32)
YUV	107.9880, -28.5881, 22.8125
Hunter-Lab	39.5053, 1.1776, 19.8348

Details

The XYZ color **15.5613, 15.6067, 5.2098** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.3427, 7.8478, 23.6293**, and the grayscale version is **14.3217, 15.0675, 16.4086**.

A 20% lighter version of the original color is **35.2478, 35.8146, 16.6104**, and **4.9683, 4.8816, 0.7378** is the 20% darker color. If you saturate the color by 10%, you get **14.8653, 14.6115, 3.7544**, and if you desaturate by 10%, it is **16.3667, 16.6852, 7.1196**.

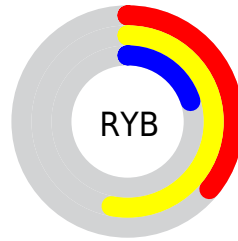
Distribution



Red (53%)

Green (42%)

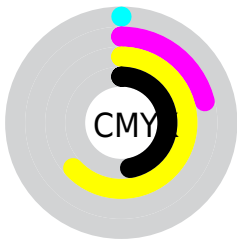
Blue (20%)



Red (36%)

Yellow (53%)

Blue (20%)

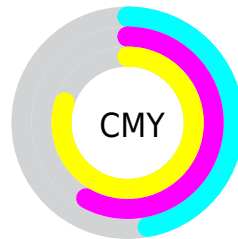


Cyan (0%)

Magenta (21%)

Yellow (63%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5613, 15.6067, 5.2098 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 15.5613, 15.6067, 5.2098 by changing the saturation by 10% instead.

■ 15.5613, 15.6067,
5.2098

■ 15.5613, 15.6067,
5.2098

220.0606,
227.0096, 160.8490

■ 9.3031, 9.2463,
2.3100

■ 35.3985, 35.9141,
16.7157

■ 4.9981, 4.9022,
0.7368

■ 49.7083, 50.6298,
26.1589

■ 2.2809, 2.1900,
0.0000

■ 67.4327, 68.8994,
38.6202

■ 0.7849, 0.7145,
0.0000

■ 88.9370, 91.1073,
54.5183

■ 0.0000, 0.0000,
0.0000

■ 114.5865,
117.6379, 74.2717

■ 144.7468,

148.8755, 98.2990

179.7830,
185.2046, 127.0185

■ 15.5613, 15.6067,
5.2098

■ 15.5613, 15.6067,
5.2098

■ 14.8653, 14.6115,
3.7544

■ 16.3667, 16.6852,
7.1196

■ 14.2695, 13.6936,
2.7123

■ 17.2875, 17.8482,
9.5183

■ 13.7650, 12.8494,
2.0361

■ 18.3303, 19.0995,
12.4383

■ 13.4321, 12.2696,
1.6603

■ 19.5011, 20.4420,
15.9086

■ 20.8053, 21.8784,
19.9564

■ 22.2480, 23.4113,
24.6068

■ 23.8340, 25.0431,
29.8836

■ 25.5678, 26.7761,
35.8092

■ 27.4538, 28.6126,
42.4049

Harmonies

Analogous

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



18.6382, 15.6067, 6.8315



15.5613, 15.6067, 5.2098



12.6696, 15.6067, 5.7743

Triad

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



15.5613, 15.6067, 5.2098



10.0787, 15.6067, 24.3903



20.0023, 15.6067, 29.1946

Complementary

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



15.5613, 15.6067, 5.2098



8.3427, 7.8478, 23.6293

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.



17.2311, 15.6067, 37.5219



15.5613, 15.6067, 5.2098



11.5857, 15.6067, 34.1511

Square

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



15.5613, 15.6067, 5.2098



9.7585, 15.6067, 15.0238



14.1291, 15.6067, 39.5924



21.4195, 15.6067, 19.1273

Rectangle

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



15.5613, 15.6067, 5.2098



11.1982, 15.6067, 7.4544



14.1291, 15.6067, 39.5924



19.1815, 15.6067, 32.4129

Sweetspot

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



15.5617, 15.6075, 5.2101



35.0837, 36.8254, 30.2457



12.3473, 7.8997, 8.0819



7.7810, 8.1594, 6.4372



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.



15.5617, 15.6075, 5.2101



25.7546, 25.0868, 5.8041



16.8466, 21.2736, 6.2361



4.9124, 5.1684, 4.9681



12.5980, 11.5185, 1.5593



0.0504, 0.0534, 0.0076

Inverse Universe

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



8.3427, 7.8478, 23.6293



11.9761, 10.3209, 41.0993



7.5581, 5.0926, 23.1388



4.5519, 4.7795, 5.8834



4.9091, 3.3660, 21.5277



0.0232, 0.0240, 0.0766

Previews

White Background



This preview shows how the XYZ color 15.5613, 15.6067, 5.2098 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 15.5613, 15.6067, 5.2098 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 15.5613, 15.6067, 5.2098

Background



This preview shows how black text looks on a background with the XYZ color 15.5613, 15.6067, 5.2098.



This preview shows how white text looks on a background with the XYZ color 15.5613, 15.6067,

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

15.5613, 15.6067, 5.2098

Protanopia

14.1995, 15.5285, 5.3809

Deuteranopia

15.7806, 15.5677, 5.1907



Tritanopia

17.8585, 15.6648, 15.9923

Trichromacy



Original Color

15.5613, 15.6067, 5.2098

Protanomaly

14.6704, 15.6119, 5.3722

Deuteranomaly

15.6190, 15.4843, 5.1832

Tritanomaly

16.7476, 15.4930, 10.9119

Monochromacy



Original Color

15.5613, 15.6067, 5.2098

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3141, 14.9854, 11.1549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5613, 15.6067, 5.2098 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, 106, 50)` looks like.

```
.text, #text, p{  
    color:rgb(134, 106, 50)  
}
```

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, 106, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 106, 50) }
```

Border

The CSS property to change the border of an element to XYZ 15.5613, 15.6067, 5.2098 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, 106, 50) }
```


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

```
.border{ border-color:rgb(134, 106, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 106, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 106, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 106, 50);  
box-shadow:4px 4px 4px 4px rgb(134, 106,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5613, 15.6067, 5.2098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 106, 50) }
```

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

```
.background{ background-color: rgb(134,  
106, 50) }
```

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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