

Converting Colors

XYZ(13.8915, 15.7334, 11.1088)

Have a look what the booklet for
XYZ(13.8915, 15.7334, 11.1088)
contains.

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Color

**XYZ(13.8915, 15.7334,
11.1088)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7156
RGB	109, 113, 86
RGB Percent	43%, 44%, 34%
CMY	0.5725, 0.5568, 0.6627
CMYK	0.04, 0.00, 0.24, 0.56
HSL	69°, 14%, 39%
HSV	69°, 24%, 44%
XYZ	13.8915, 15.7334, 11.1088
YIQ	108.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

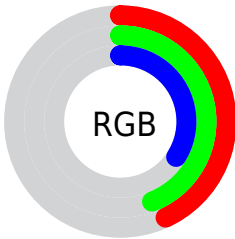
Format	Color
RYB	86, 113, 90
Decimal	7172438
CIELab	46.62, -6.55, 14.52
CIELCh	47, 15.926, 114.290
Yxy	15.7334, 0.3410, 0.3863
Android (android.graphics.Color)	4285362518 (0xFF6D7156)
YUV	108.7260, -11.2039, 0.2403
Hunter-Lab	39.6654, -6.9005, 11.1608

Details

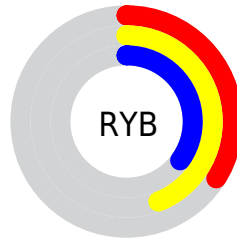
The XYZ color **13.8915, 15.7334, 11.1088** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.5256, 10.0220, 17.0034**, and the grayscale version is **14.4880, 15.2426, 16.5991**.

A 20% lighter version of the original color is **32.5970, 36.2649, 28.5743**, and **4.2150, 4.9328, 2.8278** is the 20% darker color. If you saturate the color by 10%, you get **13.2678, 15.4609, 8.8880**, and if you desaturate by 10%, it is **14.5920, 16.0382, 13.7097**.

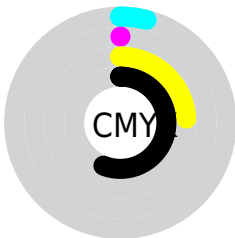
Distribution



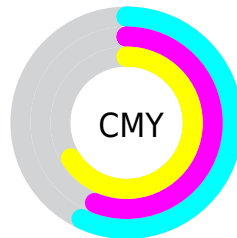
- Red (43%)
- Green (44%)
- Blue (34%)



- Red (34%)
- Yellow (44%)
- Blue (35%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (56%)



- Cyan (57%)
- Magenta (56%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8915, 15.7334, 11.1088 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 13.8915, 15.7334, 11.1088 by changing the saturation by 10% instead.

■ 13.8915, 15.7334,
11.1088

■ 13.8915, 15.7334,
11.1088

210.0789,
227.7634, 209.1766

■ 8.1264, 9.3357,
6.0250

■ 32.4843, 36.1348,
28.5009

■ 4.2284, 4.9608,
2.7912

■ 46.0427, 50.9072,
41.6463

■ 1.8322, 2.2243,
0.9891

■ 62.9296, 69.2400,
58.3159

■ 0.5369, 0.7332,
0.0000

■ 83.5103, 91.5176,
78.9283

■ 0.0000, 0.0000,
0.0000

■ 108.1503,
118.1243, 103.9020

137.2148,

149.4446, 133.6556

171.0692,
185.8628, 168.6076

■ 13.8915, 15.7334,
11.1088

■ 13.8915, 15.7334,
11.1088

■ 13.2678, 15.4609,
8.8880

■ 14.5920, 16.0382,
13.7097

■ 12.7162, 15.2171,
7.0285

■ 15.3712, 16.3744,
16.7063

■ 12.2334, 15.0013,
5.5114

■ 16.2326, 16.7438,
20.1145

■ 11.8156, 14.8119,
4.3158

■ 17.1788, 17.1478,
23.9492

■ 11.4582, 14.6472,
3.4183

■ 18.2127, 17.5872,
28.2243

■ 11.1561, 14.5050,
2.7926

■ 19.3368, 18.0632,
32.9533

■ 10.9021, 14.3825,
2.3996

■ 20.5535, 18.5767,
38.1491

■ 10.7556, 14.3113,
2.1955

■ 21.8653, 19.1287,
43.8238

■ 23.2743, 19.7200,
49.9895

Harmonies

Analogous

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



15.2190, 15.7334, 10.6409



13.8915, 15.7334, 11.1088



12.9062, 15.7334, 13.0764

Triad

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



13.8915, 15.7334, 11.1088



13.4618, 15.7334, 24.0530



17.7456, 15.7334, 17.8963

Complementary

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



13.8915, 15.7334, 11.1088



10.5256, 10.0220, 17.0034

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.



17.2080, 15.7334, 21.9475



13.8915, 15.7334, 11.1088



14.6923, 15.7334, 25.8352

Square

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



13.8915, 15.7334, 11.1088



12.6689, 15.7334, 20.4424



16.0696, 15.7334, 25.0111



17.4988, 15.7334, 14.1980

Rectangle

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



13.8915, 15.7334, 11.1088



12.5481, 15.7334, 15.1593



16.0696, 15.7334, 25.0111



17.6496, 15.7334, 19.2666

Sweetspot

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



13.8919, 15.7341, 11.1091



27.0480, 29.1148, 28.0673



12.1129, 11.4281, 10.3718



6.2430, 6.7280, 6.4439



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.8919, 15.7341, 11.1091



24.2012, 27.8788, 17.4726



12.3988, 14.9644, 11.0393



3.5957, 3.8924, 3.6351



12.1871, 16.2264, 2.4897



60.1393, 80.5370, 12.3755

Inverse Universe

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



10.5256, 10.0220, 17.0034



16.9919, 15.6434, 30.0994



11.9140, 10.7377, 17.0684



3.2594, 3.3220, 4.2236



3.6262, 1.4788, 17.8159



17.5939, 7.1243, 88.7270

Previews

White Background



This preview shows how the XYZ color 13.8915, 15.7334, 11.1088 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 13.8915, 15.7334, 11.1088 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

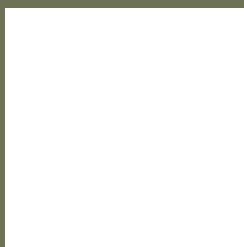
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.8915, 15.7334, 11.1088

Background



This preview shows how black text looks on a background with the XYZ color 13.8915, 15.7334, 11.1088.

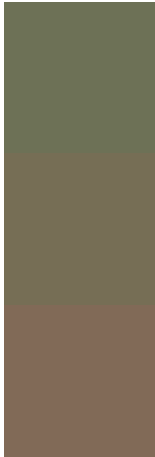


This preview shows how white text looks on a background with the XYZ color 13.8915, 15.7334,

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

13.8915, 15.7334, 11.1088

Protanopia

14.6868, 15.6593, 10.8428

Deuteranopia

15.9276, 15.6633, 11.2007



Tritanopia

15.4896, 15.7323, 19.0499

Trichromacy



Original Color

13.8915, 15.7334, 11.1088

Protanomaly

14.3944, 15.6696, 10.8602

Deuteranomaly

15.2150, 15.7630, 11.2575

Tritanomaly

14.8595, 15.6372, 15.8708

Monochromacy



Original Color

13.8915, 15.7334, 11.1088

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.2316, 15.3427, 14.5233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8915, 15.7334, 11.1088 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(109, 113, 86)` looks like.

```
.text, #text, p{  
    color:rgb(109, 113, 86)  
}
```

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(109, 113, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 113, 86) }
```

Border

The CSS property to change the border of an element to XYZ 13.8915, 15.7334, 11.1088 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(109, 113, 86) }
```


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

```
.border{ border-color:rgb(109, 113, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 113, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 113, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 113, 86);  
box-shadow:4px 4px 4px 4px rgb(109, 113,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8915, 15.7334, 11.1088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 113, 86) }
```

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

```
.background{ background-color: rgb(109,  
113, 86) }
```

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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