

Converting Colors

XYZ(13.9459, 13.4624, 13.2607)

Have a look what the booklet for
XYZ(13.9459, 13.4624, 13.2607)
contains.

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Color

**XYZ(13.8615, 13.3803,
13.1613)**

Conversions

Conversions Part 1	
Format	Color
Hex	756261
RGB	117, 98, 97
RGB Percent	46%, 38%, 38%
CMY	0.5412, 0.6157, 0.6196
CMYK	0.00, 0.16, 0.17, 0.54
HSL	3°, 9%, 42%
HSV	3°, 17%, 46%
XYZ	13.8615, 13.3803, 13.1613
YIQ	103.5670, 11.6450, 3.7170

Conversions

Conversions Part 2

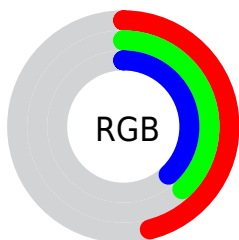
Format	Color
RYB	117, 98, 97
Decimal	7692897
CIELab	43.33, 7.45, 3.41
CIELCh	43, 8.191, 24.577
Yxy	13.3803, 0.3431, 0.3312
Android (android.graphics.Color)	4285882977 (0xFF756261)
YUV	103.5670, -3.2375, 11.7807
Hunter-Lab	36.5791, 3.6284, 4.2726

Details

The XYZ color **13.8615, 13.3803, 13.1613** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3860, 16.3163, 19.2211**, and the grayscale version is **13.0490, 13.7286, 14.9504**.

A 20% lighter version of the original color is **32.4549, 32.0680, 32.4962**, and **4.2094, 3.9239, 3.6675** is the 20% darker color. If you saturate the color by 10%, you get **12.3871, 11.2410, 10.1739**, and if you desaturate by 10%, it is **15.5616, 15.8418, 16.6213**.

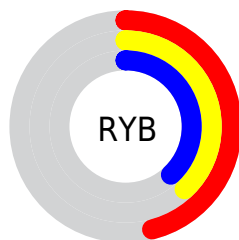
Distribution



Red (46%)

Green (38%)

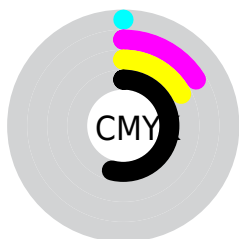
Blue (38%)



Red (46%)

Yellow (38%)

Blue (38%)

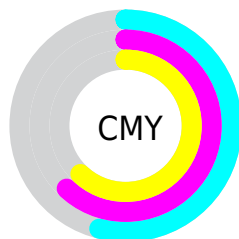


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (54%)



Cyan (54%)


Magenta (62%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.8615, 13.3803, 13.1613 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 13.8615, 13.3803, 13.1613 by changing the saturation by 10% instead.


 13.8615, 13.3803,
13.1613


 13.8615, 13.3803,
13.1613


209.8954,
213.3408, 223.1929


 8.1055, 7.6909,
7.4077


 32.4314, 31.9853,
32.2887


 4.2149, 3.8978,
3.6361

 45.9760, 45.6698,
46.4995

 1.8244, 1.6166,
1.4279

 62.8474, 62.7881,
64.3665

 0.5323, 0.3687,
0.1633

 83.4111, 83.7246,
86.3083


 0.0000, 0.0000,
0.0000


108.0324,
108.8638, 112.7432


137.0766,


138.5899, 144.0899


170.9092,
173.2874, 180.7670


 13.8615, 13.3803,
13.1613

 13.8615, 13.3803,
13.1613


 12.3871, 11.2410,
10.1739

 15.5616, 15.8418,
16.6213


 11.1278, 9.4089,
7.6378

 17.4950, 18.6362,
20.5722


 10.0739, 7.8704,
5.5313

 19.6707, 21.7760,
25.0324

 9.2145, 6.6103,
3.8306

 22.0964, 25.2722,
30.0193

 8.5376, 5.6120,
2.5095

 24.7800, 29.1357,
35.5491

■ 8.0301, 4.8569,
1.5391

■ 27.7285, 33.3767,
41.6377

■ 7.6770, 4.3243,
0.8857

■ 30.9491, 38.0050,
48.3000

■ 7.4535, 3.9868,
0.4743

■ 34.4485, 43.0303,
55.5506

■ 7.3999, 3.9092,
0.3645

■ 38.2332, 48.4615,
63.4034

Harmonies

Analogous

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



13.9732, 13.3803, 14.9021



13.8615, 13.3803, 13.1613



13.4391, 13.3803, 11.8991

Triad

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



13.8615, 13.3803, 13.1613



11.7476, 13.3803, 12.6332



12.6024, 13.3803, 18.3379

Complementary

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



13.8615, 13.3803, 13.1613



14.3860, 16.3163, 19.2211

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.



12.0224, 13.3803, 17.6108



13.8615, 13.3803, 13.1613



11.5395, 13.3803, 14.2406

Square

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



13.8615, 13.3803, 13.1613



12.2161, 13.3803, 11.6125



11.6384, 13.3803, 16.0734



13.2326, 13.3803, 17.9888

Rectangle

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



13.8615, 13.3803, 13.1613



13.0453, 13.3803, 11.4490



11.6384, 13.3803, 16.0734



12.3954, 13.3803, 18.2095

Sweetspot

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



13.8619, 13.3809, 13.1616



28.5126, 29.3031, 31.0831



14.7634, 13.5925, 18.3688



6.5136, 6.6766, 7.0609



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.8619, 13.3809, 13.1616



23.5987, 22.1867, 21.0861



14.8566, 15.3703, 13.4932



3.6973, 3.7276, 3.8669



8.1494, 4.3000, 0.4005



39.5264, 20.5812, 1.8893

Inverse Universe

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



14.3860, 16.3163, 19.2211



24.7463, 28.6145, 34.3559



13.2949, 14.1340, 18.8573



3.7684, 4.1254, 4.6879



9.8140, 13.9677, 20.7214



47.6341, 67.6848, 100.9142

Previews

White Background



This preview shows how the XYZ color 13.8615, 13.3803, 13.1613 looks on a white background.

Color Contrast Check

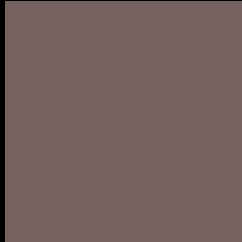
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.8615, 13.3803, 13.1613 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 13.8615, 13.3803, 13.1613

Background



This preview shows how black text looks on a background with the XYZ color 13.8615, 13.3803, 13.1613.



This preview shows how white text looks on a background with the XYZ color 13.8615, 13.3803,

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

13.8615, 13.3803, 13.1613

Protanopia

12.8292, 13.4069, 13.7160

Deuteranopia

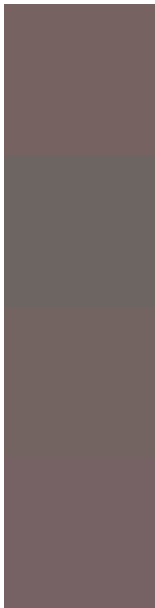
13.5589, 13.3642, 13.1742



Tritanopia

14.2446, 13.4004, 14.9325

Trichromacy



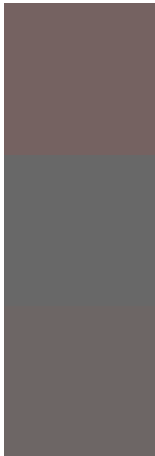
Original Color
13.8615, 13.3803, 13.1613

Protanomaly
13.1650, 13.4404, 13.4557

Deuteranomaly
13.6897, 13.4316, 13.1803

Tritanomaly
14.0949, 13.3405, 14.1440

Monochromacy



Original Color
13.8615, 13.3803, 13.1613

Achromatopsia
13.1579, 13.8432, 15.0752

Achromatomaly
13.4070, 13.6935, 14.2484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8615, 13.3803, 13.1613 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(117, 98, 97) looks like.

```
.text, #text, p{  
    color:rgb(117, 98, 97)  
}
```

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(117, 98, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 98, 97) }
```

Border

The CSS property to change the border of an element to XYZ 13.8615, 13.3803, 13.1613 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(117, 98, 97) }
```


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

```
.border{ border-color:rgb(117, 98, 97) }
```

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

Here you see how a box with a 4 pixel rgb(117, 98, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 98, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 98, 97);  
box-shadow:4px 4px 4px 4px rgb(117, 98,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8615, 13.3803, 13.1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 98, 97) }
```

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

```
.background{ background-color: rgb(117, 98,  
97) }
```

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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