

Converting Colors

XYZ(12.9261, 10.5604, 10.6622)

Have a look what the booklet for
XYZ(12.9261, 10.5604, 10.6622)
contains.

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Color

**XYZ(13.0149, 10.6565,
10.6035)**

Conversions

Conversions Part 1	
Format	Color
Hex	7D4F58
RGB	125, 79, 88
RGB Percent	49%, 31%, 35%
CMY	0.5098, 0.6902, 0.6549
CMYK	0.00, 0.37, 0.30, 0.51
HSL	348°, 23%, 40%
HSV	348°, 37%, 49%
XYZ	13.0149, 10.6565, 10.6035
YIQ	93.7800, 24.5270, 12.5510

Conversions

Conversions Part 2

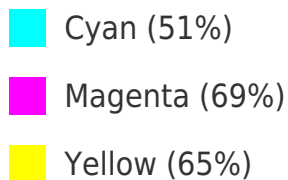
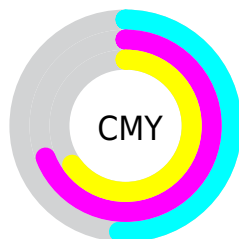
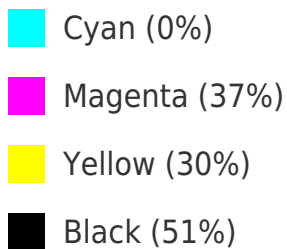
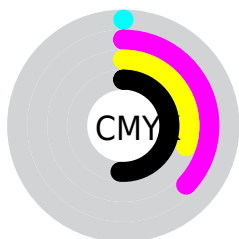
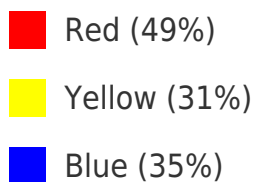
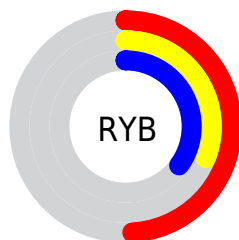
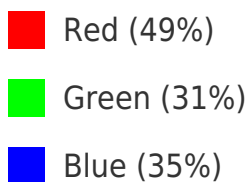
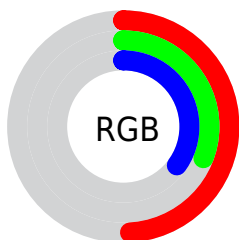
Format	Color
RYB	125, 79, 88
Decimal	8212312
CIELab	39.00, 20.66, 2.81
CIELCh	39, 20.852, 7.731
Yxy	10.6565, 0.3797, 0.3109
Android (android.graphics.Color)	4286402392 (0xFF7D4F58)
YUV	93.7800, -2.8495, 27.3799
Hunter-Lab	32.6443, 14.0384, 3.5925

Details

The XYZ color **13.0149, 10.6565, 10.6035** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.7109, 17.5907, 19.1966**, and the grayscale version is **10.5901, 11.1416, 12.1332**.

A 20% lighter version of the original color is **31.0281, 27.1192, 27.6439**, and **3.8039, 2.7180, 2.6096** is the 20% darker color. If you saturate the color by 10%, you get **11.8084, 8.8648, 8.2862**, and if you desaturate by 10%, it is **14.4490, 12.8114, 13.2803**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 13.0149, 10.6565, 10.6035 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 13.0149, 10.6565, 10.6035 by changing the saturation by 10% instead.


 13.0149, 10.6565,
10.6035


 13.0149, 10.6565,
10.6035

204.6488,
195.2955, 205.5656


 7.5159, 5.8364,
5.6901


 30.9316, 27.0232,
27.5500


 3.8359, 2.7458,
2.5918

 44.0801, 39.3386,
40.4201


 1.6097, 1.0005,
0.8882

 60.5090, 54.9211,
56.7795

 0.3988, 0.0000,
0.0000

 80.5838, 74.1552,
77.0469


 0.0000, 0.0000,
0.0000


 104.6698, 97.4253,
101.6406


133.1324,


125.1158, 130.9792


166.3370,
157.6111, 165.4814


 13.0149, 10.6565,
10.6035


 13.0149, 10.6565,
10.6035


 11.8084, 8.8648,
8.2862

 14.4490, 12.8114,
13.2803


 10.8169, 7.4146,
6.3125

 16.1208, 15.3463,
16.3307


 10.0275, 6.2847,
4.6657


 18.0409, 18.2791,
19.7685


 9.4259, 5.4505,
3.3279


 20.2190, 21.6257,
23.6067


 8.9958, 4.8838,
2.2792


 22.6642, 25.4015,
27.8578


 8.7066, 4.5292,
1.4934

 25.3851, 29.6209,
32.5336

 8.6271, 4.4278,
1.2889

 28.3902, 34.2977,
37.6455

 31.6872, 39.4451,
43.2045

 35.2839, 45.0758,
49.2212

Harmonies

Analogous

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



12.8091, 10.6565, 14.7525



13.0149, 10.6565, 10.6035



12.3932, 10.6565, 7.5207

Triad

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



13.0149, 10.6565, 10.6035



8.5794, 10.6565, 6.5407



9.1492, 10.6565, 20.2267

Complementary

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



13.0149, 10.6565, 10.6035



13.7109, 17.5907, 19.1966

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.



8.1583, 10.6565, 16.9464



13.0149, 10.6565, 10.6035



7.8510, 10.6565, 8.9372

Square

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



13.0149, 10.6565, 10.6035



9.7734, 10.6565, 5.5505



7.7042, 10.6565, 12.6637



10.4925, 10.6565, 20.9617

Rectangle

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



13.0149, 10.6565, 10.6035



11.6238, 10.6565, 6.2594



7.7042, 10.6565, 12.6637



8.7676, 10.6565, 19.3541

Sweetspot

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



13.0152, 10.6570, 10.6037



30.7142, 30.2966, 32.5623



13.6739, 10.7725, 20.7608



6.9025, 6.7633, 7.2566



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.0152, 10.6570, 10.6037



21.4923, 16.3860, 15.5131



13.7659, 12.7186, 9.1271



4.3595, 4.3570, 4.6977



9.0019, 4.6204, 1.3337



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.0152, 10.6570, 10.6037



21.4923, 16.3860, 15.5131



12.6328, 14.5559, 21.5459



4.3595, 4.3570, 4.6977



9.0019, 4.6204, 1.3337



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.0149, 10.6565, 10.6035 looks on a white background.

Color Contrast Check

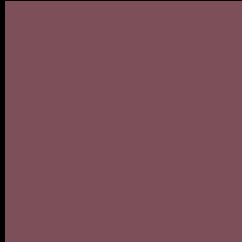
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.0149, 10.6565, 10.6035 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 13.0149, 10.6565, 10.6035

Background



This preview shows how black text looks on a background with the XYZ color 13.0149, 10.6565, 10.6035.



This preview shows how white text looks on a background with the XYZ color 13.0149, 10.6565,

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

13.0149, 10.6565, 10.6035

Protanopia

10.4069, 10.8077, 12.3641

Deuteranopia

10.8456, 10.7002, 10.2978



Tritanopia

12.8931, 10.6078, 9.9623

Trichromacy



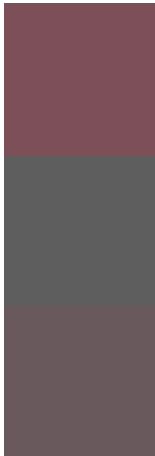
Original Color
13.0149, 10.6565, 10.6035

Protanomaly
11.1657, 10.5924, 11.5812

Deuteranomaly
11.5243, 10.5646, 10.4486

Tritanomaly
12.9331, 10.6238, 10.1731

Monochromacy



Original Color
13.0149, 10.6565, 10.6035

Achromatopsia
10.6392, 11.1932, 12.1894

Achromatomaly
11.3298, 10.9207, 11.6360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0149, 10.6565, 10.6035 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(125, 79, 88)` looks like.

```
.text, #text, p{  
    color:rgb(125, 79, 88)  
}
```

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(125, 79, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 79, 88) }
```

Border

The CSS property to change the border of an element to XYZ 13.0149, 10.6565, 10.6035 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(125, 79, 88) }
```


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

```
.border{ border-color:rgb(125, 79, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 79, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 79, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 79, 88);  
box-shadow:4px 4px 4px 4px rgb(125, 79,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0149, 10.6565, 10.6035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 79, 88) }
```

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

```
.background{ background-color: rgb(125, 79,  
88) }
```

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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