

Converting Colors

XYZ(11.3858, 10.8804, 9.6973)

Have a look what the booklet for
XYZ(11.3858, 10.8804, 9.6973)
contains.

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Color

**XYZ(11.3577, 10.8552,
9.6803)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5853
RGB	109, 88, 83
RGB Percent	43%, 35%, 33%
CMY	0.5725, 0.6549, 0.6745
CMYK	0.00, 0.19, 0.24, 0.57
HSL	12°, 14%, 38%
HSV	12°, 24%, 43%
XYZ	11.3577, 10.8552, 9.6803
YIQ	93.7090, 14.1210, 2.8970

Conversions

Conversions Part 2

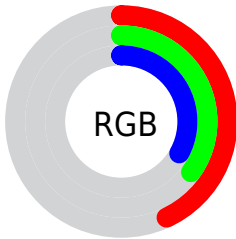
Format	Color
R _Y B	109, 89, 83
Decimal	7166035
CIE Lab	39.34, 7.76, 6.14
CIE LCh	39, 9.897, 38.365
Yxy	10.8552, 0.3561, 0.3404
Android (android.graphics.Color)	4285356115 (0xFF6D5853)
YUV	93.7090, -5.2795, 13.4102
Hunter-Lab	32.9472, 3.8756, 5.6429

Details

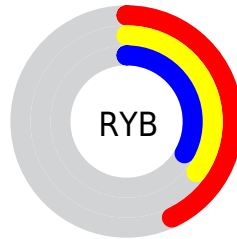
The XYZ color **11.3577, 10.8552, 9.6803** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2777, 12.8433, 16.3525**, and the grayscale version is **10.5806, 11.1316, 12.1223**.

A 20% lighter version of the original color is **27.9513, 27.4200, 25.6492**, and **3.1382, 2.8598, 2.2203** is the 20% darker color. If you saturate the color by 10%, you get **10.2901, 9.3413, 7.4089**, and if you desaturate by 10%, it is **12.5794, 12.5711, 12.3298**.

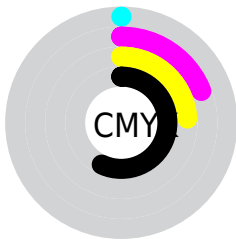
Distribution



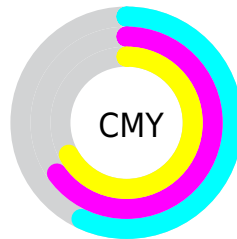
- Red (43%)
- Green (35%)
- Blue (33%)



- Red (43%)
- Yellow (35%)
- Blue (33%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (57%)



- Cyan (57%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3577, 10.8552, 9.6803 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 11.3577, 10.8552, 9.6803 by changing the saturation by 10% instead.

■ 11.3577, 10.8552,
9.6803

■ 11.3577, 10.8552,
9.6803

193.9635,
196.6714, 198.7760

■ 6.3770, 5.9696,
5.0847

■ 27.9469, 27.3921,
25.7908

■ 3.1185, 2.8266,
2.2374

■ 40.2861, 39.8121,
38.1427

■ 1.2167, 1.0419,
0.6958

■ 55.8088, 55.5124,
53.9171

■ 0.1195, 0.0000,
0.0000

■ 74.8805, 74.8773,
73.5326

■ 0.0000, 0.0000,
0.0000

■ 97.8665, 98.2913,
97.4077

125.1320,

126.1387, 125.9610

157.0426,
158.8040, 159.6109

■ 11.3577, 10.8552,
9.6803

■ 11.3577, 10.8552,
9.6803

■ 10.2901, 9.3413,
7.4089

■ 12.5794, 12.5711,
12.3298

■ 9.3695, 8.0205,
5.4976

■ 13.9600, 14.4946,
15.3730

■ 8.5895, 6.8854,
3.9281

■ 15.5055, 16.6329,
18.8251

■ 7.9432, 5.9276,
2.6800

■ 17.2210, 18.9923,
22.7008

■ 7.4226, 5.1380,
1.7308

■ 19.1116, 21.5789,
27.0136

■ 7.0191, 4.5066,
1.0552

■ 21.1821, 24.3988,
31.7766

■ 6.7213, 4.0218,
0.6145

■ 23.4371, 27.4574,
37.0024

■ 6.5743, 3.7865,
0.3844

■ 25.8810, 30.7603,
42.7031

■ 28.5181, 34.3128,
48.8902

Harmonies

Analogous

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



11.6411, 10.8552, 11.2924



11.3577, 10.8552, 9.6803



10.7984, 10.8552, 8.7194

Triad

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



11.3577, 10.8552, 9.6803



9.1691, 10.8552, 10.5145



10.5055, 10.8552, 15.8449

Complementary

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



11.3577, 10.8552, 9.6803



11.2777, 12.8433, 16.3525

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.



9.8512, 10.8552, 15.5790



11.3577, 10.8552, 9.6803



9.0983, 10.8552, 12.3627

Square

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



11.3577, 10.8552, 9.6803



9.5407, 10.8552, 9.1636



9.3429, 10.8552, 14.2526



11.1354, 10.8552, 14.9445

Rectangle

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



11.3577, 10.8552, 9.6803



10.3542, 10.8552, 8.5107



9.3429, 10.8552, 14.2526



10.2809, 10.8552, 15.8907

Sweetspot

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



11.3580, 10.8557, 9.6805



24.1392, 24.7618, 25.6266



11.9105, 10.4421, 14.5467



5.5967, 5.7335, 5.9179



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.3580, 10.8557, 9.6805



19.1678, 17.7823, 14.8339



12.4991, 13.1379, 10.0609



3.1426, 3.2024, 3.2699



7.6744, 4.3985, 0.4445



38.6069, 21.4175, 2.0992

Inverse Universe

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



11.2777, 12.8433, 16.3525



18.9938, 22.0475, 29.1617



10.0888, 10.4654, 15.9562



3.1348, 3.3979, 3.9255



7.2966, 9.4276, 18.3574



36.5766, 46.8318, 93.3379

Previews

White Background



This preview shows how the XYZ color 11.3577, 10.8552, 9.6803 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 11.3577, 10.8552, 9.6803 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 11.3577, 10.8552, 9.6803

Background



This preview shows how black text looks on a background with the XYZ color 11.3577, 10.8552, 9.6803.



This preview shows how white text looks on a background with the XYZ color 11.3577, 10.8552,

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

11.3577, 10.8552, 9.6803

Protanopia

10.2907, 10.7970, 10.1360

Deuteranopia

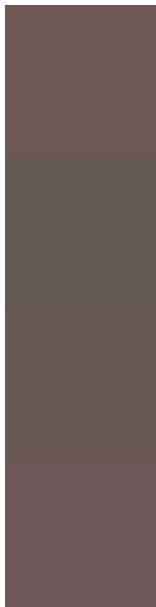
10.9594, 10.7725, 9.6853



Tritanopia

11.7340, 10.7609, 11.8145

Trichromacy



Original Color

11.3577, 10.8552, 9.6803

Protanomaly

10.7081, 10.8890, 9.9249

Deuteranomaly

11.0776, 10.8335, 9.6908

Tritanomaly

11.6418, 10.8527, 10.9324

Monochromacy



Original Color

11.3577, 10.8552, 9.6803

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.8182, 11.0451, 11.2346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3577, 10.8552, 9.6803 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, 88, 83) looks like.

```
.text, #text, p{  
    color:rgb(109, 88, 83)  
}
```

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, 88, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 88, 83) }
```

Border

The CSS property to change the border of an element to XYZ 11.3577, 10.8552, 9.6803 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, 88, 83) }
```


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

```
.border{ border-color:rgb(109, 88, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 88, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 88, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 88, 83);  
box-shadow:4px 4px 4px 4px rgb(109, 88,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3577, 10.8552, 9.6803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 88, 83) }
```

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

```
.background{ background-color: rgb(109, 88,  
83) }
```

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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