

Converting Colors

XYZ(10.9981, 10.4910, 11.0601)

Have a look what the booklet for
XYZ(10.9981, 10.4910, 11.0601)
contains.

XYZ(11.0794, 10.5578, 11.1268)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.0794, 10.5578,
11.1268)**

Conversions

Conversions Part 1

Format	Color
Hex	69575A
RGB	105, 87, 90
RGB Percent	41%, 34%, 35%
CMY	0.5882, 0.6588, 0.6471
CMYK	0.00, 0.17, 0.14, 0.59
HSL	350°, 9%, 38%
HSV	350°, 17%, 41%
XYZ	11.0794, 10.5578, 11.1268
YIQ	92.7240, 9.7650, 4.7490

Conversions

Conversions Part 2

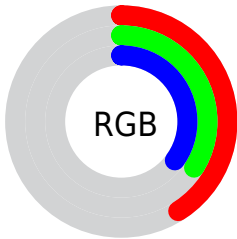
Format	Color
RYB	105, 87, 90
Decimal	6903642
CIELab	38.83, 7.93, 1.02
CIELCh	39, 7.996, 7.343
Yxy	10.5578, 0.3382, 0.3222
Android (android.graphics.Color)	4285093722 (0xFF69575A)
YUV	92.7240, -1.3429, 10.7661
Hunter-Lab	32.4928, 4.0027, 2.4417

Details

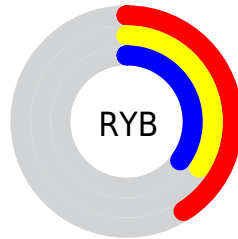
The XYZ color **11.0794, 10.5578, 11.1268** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.3808, 13.0891, 14.4976**, and the grayscale version is **10.3419, 10.8804, 11.8488**.

A 20% lighter version of the original color is **27.3896, 26.8527, 28.5504**, and **3.0465, 2.7449, 2.8519** is the 20% darker color. If you saturate the color by 10%, you get **9.9396, 8.8395, 9.0161**, and if you desaturate by 10%, it is **12.3874, 12.5420, 13.5102**.

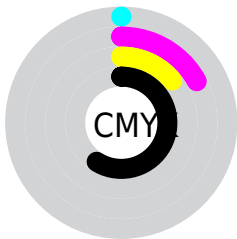
Distribution



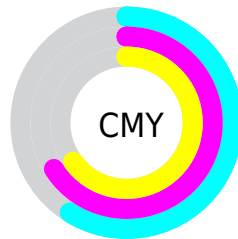
- Red (41%)
- Green (34%)
- Blue (35%)



- Red (41%)
- Yellow (34%)
- Blue (35%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (59%)



- Cyan (59%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0794, 10.5578, 11.1268 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 11.0794, 10.5578, 11.1268 by changing the saturation by 10% instead.

■ 11.0794, 10.5578,
11.1268

■ 11.0794, 10.5578,
11.1268

192.1085,
194.6081, 209.3040

■ 6.1880, 5.7703,
6.0369

■ 27.4385, 26.8395,
28.5346

■ 3.0014, 2.7059,
2.7984

■ 39.6370, 39.1025,
41.6897

■ 1.1545, 0.9802,
0.9926

■ 55.0017, 54.6262,
58.3702

■ 0.0700, 0.0000,
0.0000

■ 73.8982, 73.7950,
78.9948

■ 0.0000, 0.0000,
0.0000

■ 96.6918, 96.9931,
103.9819

123.7478,

124.6051, 133.7501

155.4316,
157.0153, 168.7179

■ 11.0794, 10.5578,
11.1268

■ 11.0794, 10.5578,
11.1268

■ 9.9396, 8.8395,
9.0161

■ 12.3874, 12.5420,
13.5102

■ 8.9602, 7.3744,
7.1678

■ 13.8690, 14.8011,
16.1748

■ 8.1342, 6.1509,
5.5716

■ 15.5307, 17.3457,
19.1298

■ 7.4538, 5.1560,
4.2165

■ 17.3784, 20.1853,
22.3836

■ 6.9103, 4.3755,
3.0907

■ 19.4174, 23.3289,
25.9442

■ 6.4943, 3.7934,
2.1813

■ 21.6532, 26.7852,
29.8195

■ 6.1949, 3.3916,
1.4741

■ 24.0908, 30.5624,
34.0169

■ 5.9846, 3.1190,
0.9481

■ 26.7351, 34.6686,
38.5437

■ 5.9309, 3.0454,
0.8260

■ 29.5909, 39.1116,
43.4069

Harmonies

Analogous

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



11.0045, 10.5578, 12.6564



11.0794, 10.5578, 11.1268



10.8667, 10.5578, 9.8153

Triad

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



11.0794, 10.5578, 11.1268



9.4296, 10.5578, 9.3289



9.6476, 10.5578, 14.4033

Complementary

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



11.0794, 10.5578, 11.1268



11.3808, 13.0891, 14.4976

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.



9.2467, 10.5578, 13.3575



11.0794, 10.5578, 11.1268



9.1239, 10.5578, 10.4081

Square

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



11.0794, 10.5578, 11.1268



9.9052, 10.5578, 8.8383



9.0581, 10.5578, 11.8726



10.1656, 10.5578, 14.6384

Rectangle

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



11.0794, 10.5578, 11.1268



10.5946, 10.5578, 9.2104



9.0581, 10.5578, 11.8726



9.4952, 10.5578, 14.1308

Sweetspot

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



11.0797, 10.5583, 11.1270



22.6854, 23.2256, 25.1035



11.4379, 10.6615, 14.8199



5.2838, 5.3945, 5.8259



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.0797, 10.5583, 11.1270



18.8917, 17.4746, 18.1778



11.4607, 11.5205, 10.6369



3.1184, 3.1243, 3.3541



7.4987, 3.8516, 0.9888



37.9829, 19.5351, 3.8467

Inverse Universe

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



11.0797, 10.5583, 11.1270



18.8917, 17.4746, 18.1778



10.9425, 11.9702, 15.0986



3.1184, 3.1243, 3.3541



7.4987, 3.8516, 0.9888



37.9829, 19.5351, 3.8467

Previews

White Background



This preview shows how the XYZ color 11.0794, 10.5578, 11.1268 looks on a white background.

Color Contrast Check

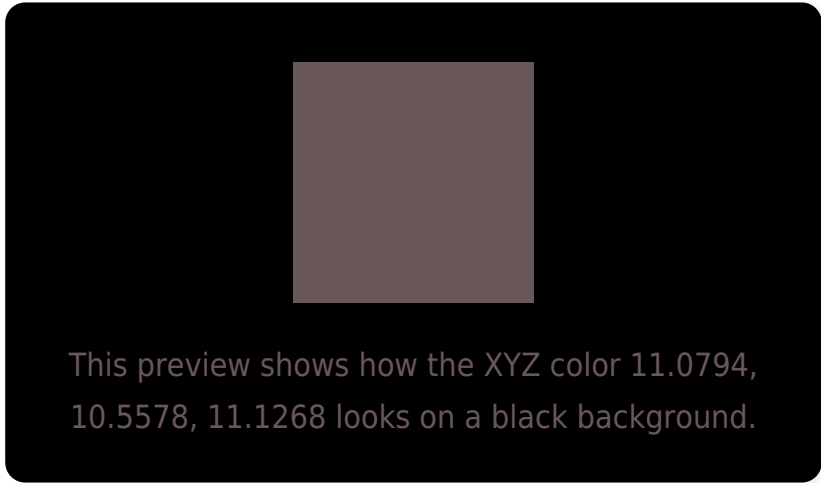
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 11.0794, 10.5578, 11.1268

Background



This preview shows how black text looks on a background with the XYZ color 11.0794, 10.5578, 11.1268.

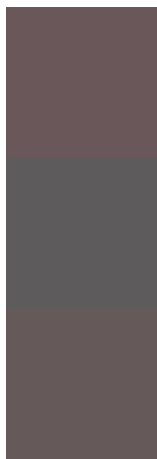


This preview shows how white text looks on a background with the XYZ color 11.0794, 10.5578,

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

11.0794, 10.5578, 11.1268

Protanopia

10.1871, 10.5820, 11.6308

Deuteranopia

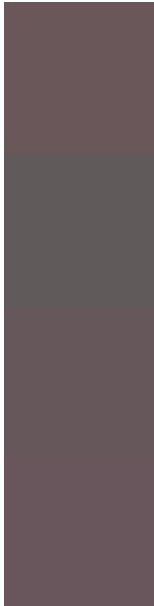
10.7847, 10.6496, 11.1600



Tritanopia

11.1293, 10.4491, 11.7862

Trichromacy



Original Color

11.0794, 10.5578, 11.1268

Protanomaly

10.4743, 10.6090, 11.3932

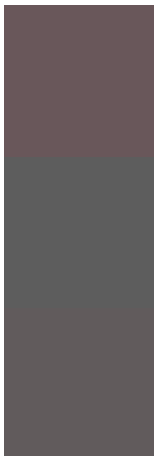
Deuteranomaly

10.8147, 10.5424, 11.1378

Tritanomaly

11.0853, 10.4315, 11.5544

Monochromacy



Original Color

11.0794, 10.5578, 11.1268

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.6026, 10.7963, 11.6503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0794, 10.5578, 11.1268 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(105, 87, 90)` looks like.

```
.text, #text, p{  
    color:rgb(105, 87, 90)  
}
```

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(105, 87, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 87, 90) }
```

Border

The CSS property to change the border of an element to XYZ 11.0794, 10.5578, 11.1268 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(105, 87, 90) }
```


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

```
.border{ border-color:rgb(105, 87, 90) }
```

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

Here you see how a box with a 4 pixel rgb(105, 87, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 87, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 87, 90);  
box-shadow:4px 4px 4px 4px rgb(105, 87,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0794, 10.5578, 11.1268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 87, 90) }
```

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

```
.background{ background-color: rgb(105, 87,  
90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor