

Converting Colors

XYZ(12.0167, 11.2938, 12.2193)

Have a look what the booklet for
XYZ(12.0167, 11.2938, 12.2193)
contains.

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Color

**XYZ(12.0232, 11.2679,
12.1309)**

Conversions

Conversions Part 1

Format	Color
Hex	6E595E
RGB	110, 89, 94
RGB Percent	43%, 35%, 37%
CMY	0.5686, 0.6510, 0.6314
CMYK	0.00, 0.19, 0.15, 0.57
HSL	346°, 11%, 39%
HSV	346°, 19%, 43%
XYZ	12.0232, 11.2679, 12.1309
YIQ	95.8490, 10.9110, 6.0070

Conversions

Conversions Part 2

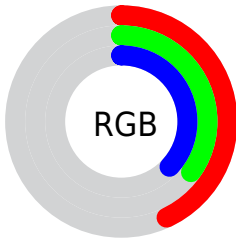
Format	Color
R_{YB}	110, 89, 94
Decimal	7231838
CIE _{Lab}	40.03, 9.49, 0.36
CIE _{LCh}	40, 9.501, 2.192
Yxy	11.2679, 0.3394, 0.3181
Android (android.graphics.Color)	4285421918 (0xFF6E595E)
YUV	95.8490, -0.9116, 12.4104
Hunter-Lab	33.5677, 5.1913, 2.0708

Details

The XYZ color **12.0232, 11.2679, 12.1309** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2460, 14.2960, 15.4793**, and the grayscale version is **11.0822, 11.6593, 12.6970**.

A 20% lighter version of the original color is **29.1670, 28.1602, 30.2838**, and **3.3840, 2.9653, 3.1903** is the 20% darker color. If you saturate the color by 10%, you get **10.8195, 9.4299, 9.9737**, and if you desaturate by 10%, it is **13.4052, 13.3968, 14.5494**.

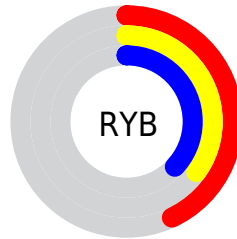
Distribution



Red (43%)

Green (35%)

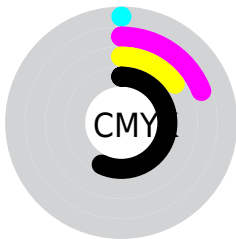
Blue (37%)



Red (43%)

Yellow (35%)

Blue (37%)

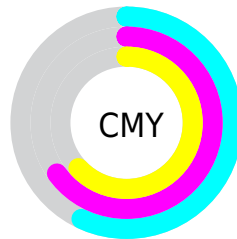


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (57%)



Cyan (57%)

Magenta (65%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.0232, 11.2679, 12.1309 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 12.0232, 11.2679, 12.1309 by changing the saturation by 10% instead.

■ 12.0232, 11.2679,
12.1309

■ 12.0232, 11.2679,
12.1309

198.3256,
199.4964, 216.2785

■ 6.8318, 6.2473,
6.7093

■ 29.1538, 28.1545,
30.4012

■ 3.4025, 2.9960,
3.2053

■ 41.8238, 40.7893,
44.0870

■ 1.3700, 1.1297,
1.2004

■ 57.7173, 56.7310,
61.3646

■ 0.2347, 0.0031,
0.0000

■ 77.1997, 76.3640,
82.6526

■ 0.0000, 0.0000,
0.0000

■ 100.6364,
100.0726, 108.3694

128.3927,

128.2413, 138.9336

160.8340,
161.2544, 174.7638

■ 12.0232, 11.2679,
12.1309

■ 12.0232, 11.2679,
12.1309

■ 10.8195, 9.4299,
9.9737

■ 13.4052, 13.3968,
14.5494

■ 9.7858, 7.8688,
8.0682

■ 14.9715, 15.8270,
17.2368

■ 8.9145, 6.5715,
6.4053

■ 16.7290, 18.5702,
20.2015

■ 8.1972, 5.5233,
4.9749

■ 18.6837, 21.6370,
23.4512

■ 7.6245, 4.7080,
3.7665

■ 20.8418, 25.0375,
26.9932

■ 7.1861, 4.1076,
2.7685

■ 23.2087, 28.7813,
30.8347

■ 6.8703, 3.7013,
1.9681

■ 25.7901, 32.8778,
34.9825

■ 6.6386, 3.4157,
1.3430

■ 28.5912, 37.3358,
39.4434

■ 6.6190, 3.3905,
1.2936

■ 31.6170, 42.1639,
44.2237

Harmonies

Analogous

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



11.8672, 11.2679, 14.0363



12.0232, 11.2679, 12.1309



11.8155, 11.2679, 10.4395

Triad

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



12.0232, 11.2679, 12.1309



10.0504, 11.2679, 9.4532



10.1309, 11.2679, 15.7574

Complementary

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



12.0232, 11.2679, 12.1309



12.2460, 14.2960, 15.4793

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.



9.6753, 11.2679, 14.3002



12.0232, 11.2679, 12.1309



9.6302, 11.2679, 10.6563

Square

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



12.0232, 11.2679, 12.1309



10.6615, 11.2679, 8.9953



9.4957, 11.2679, 12.4078



10.7582, 11.2679, 16.2534

Rectangle

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



12.0232, 11.2679, 12.1309



11.5035, 11.2679, 9.6252



9.4957, 11.2679, 12.4078



9.9535, 11.2679, 15.3569

Sweetspot

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



12.0235, 11.2684, 12.1311



24.3135, 24.7215, 26.8841



12.1836, 11.2592, 16.2832



5.6307, 5.7107, 6.2092



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.



12.0235, 11.2684, 12.1311



20.1209, 18.2668, 19.5344



12.2590, 12.0867, 11.1386



3.4141, 3.4133, 3.7071



7.9409, 4.0687, 1.4988



39.2675, 20.1523, 5.9408

Inverse Universe

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



12.0235, 11.2684, 12.1311



20.1209, 18.2668, 19.5344



11.9609, 13.3023, 16.6893



3.4141, 3.4133, 3.7071



7.9409, 4.0687, 1.4988



39.2675, 20.1523, 5.9408

Previews

White Background



This preview shows how the XYZ color 12.0232, 11.2679, 12.1309 looks on a white background.

Color Contrast Check

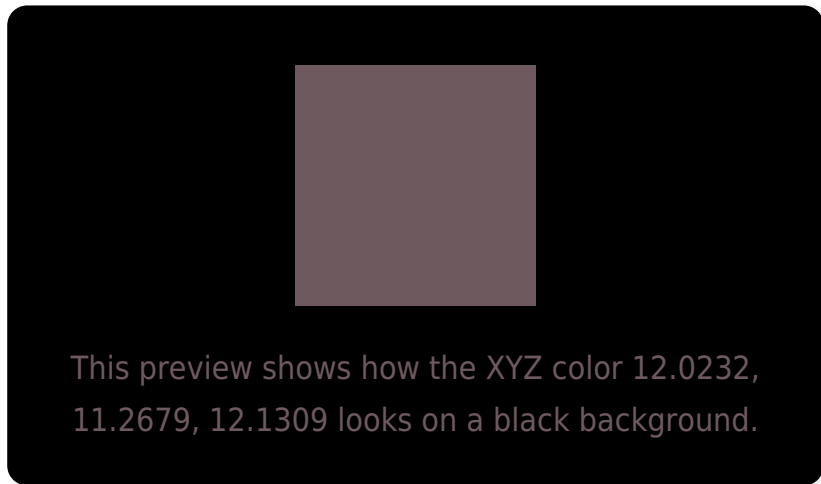
Large Text (above 18pt) WCAG AA ✓ Pass

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

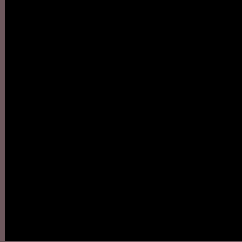
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.0232, 11.2679, 12.1309

Background



This preview shows how black text looks on a background with the XYZ color 12.0232, 11.2679, 12.1309.



This preview shows how white text looks on a background with the XYZ color 12.0232, 11.2679,

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

12.0232, 11.2679, 12.1309

Protanopia

10.8797, 11.3014, 12.9172

Deuteranopia

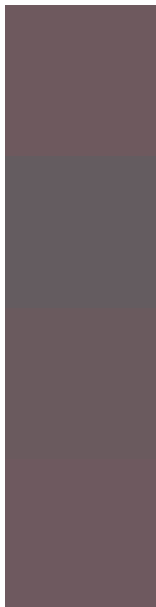
11.4704, 11.2334, 12.1534



Tritanopia

12.1141, 11.3043, 12.6098

Trichromacy



Original Color

12.0232, 11.2679, 12.1309

Protanomaly

11.1940, 11.2081, 12.6397

Deuteranomaly

11.6204, 11.1847, 12.1361

Tritanomaly

12.0683, 11.2860, 12.3688

Monochromacy



Original Color

12.0232, 11.2679, 12.1309

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.3467, 11.4216, 12.4330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.0232, 11.2679, 12.1309 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(110, 89, 94) looks like.

```
.text, #text, p{  
    color:rgb(110, 89, 94)  
}
```

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(110, 89, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 89, 94) }
```

Border

The CSS property to change the border of an element to XYZ 12.0232, 11.2679, 12.1309 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(110, 89, 94) }
```


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

```
.border{ border-color:rgb(110, 89, 94) }
```

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

Here you see how a box with a 4 pixel rgb(110, 89, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 89, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 89, 94);  
box-shadow:4px 4px 4px 4px rgb(110, 89,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 12.0232, 11.2679, 12.1309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 89, 94) }
```

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

```
.background{ background-color: rgb(110, 89,  
94) }
```

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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