

Converting Colors

XYZ(12.3073, 12.1837, 11.1545)

Have a look what the booklet for
XYZ(12.3073, 12.1837, 11.1545)
contains.

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Color

**XYZ(12.3258, 12.2207,
11.1604)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5F59
RGB	110, 95, 89
RGB Percent	43%, 37%, 35%
CMY	0.5686, 0.6274, 0.6510
CMYK	0.00, 0.14, 0.19, 0.57
HSL	17°, 11%, 39%
HSV	17°, 19%, 43%
XYZ	12.3258, 12.2207, 11.1604
YIQ	98.8010, 10.8660, 1.3140

Conversions

Conversions Part 2

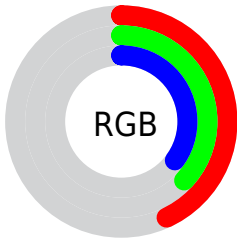
Format	Color
R_{YB}	110, 97, 89
Decimal	7233369
CIE Lab	41.56, 4.96, 5.65
CIE LCh	42, 7.518, 48.733
Yxy	12.2207, 0.3452, 0.3423
Android (android.graphics.Color)	4285423449 (0xFF6E5F59)
YUV	98.8010, -4.8319, 9.8215
Hunter-Lab	34.9581, 1.7602, 5.5423

Details

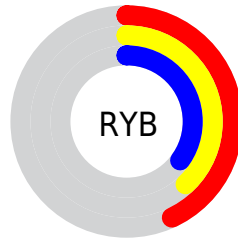
The XYZ color **12.3258, 12.2207, 11.1604** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8845, 13.1500, 16.6638**, and the grayscale version is **11.8198, 12.4353, 13.5421**.

A 20% lighter version of the original color is **29.6859, 29.7963, 28.6127**, and **3.5395, 3.4026, 2.8531** is the 20% darker color. If you saturate the color by 10%, you get **11.2257, 10.7053, 8.6825**, and if you desaturate by 10%, it is **13.5670, 13.9076, 14.0262**.

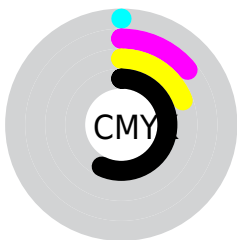
Distribution



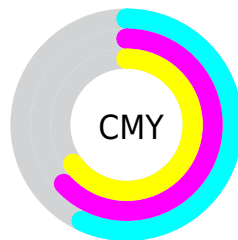
- Red (43%)
- Green (37%)
- Blue (35%)



- Red (43%)
- Yellow (38%)
- Blue (35%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (57%)



- Cyan (57%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.3258, 12.2207, 11.1604 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 12.3258, 12.2207, 11.1604 by changing the saturation by 10% instead.

■ 12.3258, 12.2207,
11.1604

■ 12.3258, 12.2207,
11.1604

200.2766,
205.8610, 209.5415

■ 7.0397, 6.8942,
6.0593

■ 29.6988, 29.8964,
28.5976

■ 3.5335, 3.3960,
2.8118

■ 42.5165, 43.0144,
41.7707

■ 1.4418, 1.3418,
0.9994

■ 58.5755, 59.4984,
58.4716

■ 0.2857, 0.1732,
0.0000

■ 78.2411, 79.7326,
79.1188

■ 0.0000, 0.0000,
0.0000

■ 101.8786,
104.1016, 104.1309

129.8535,

132.9897, 133.9263

162.5310,
166.7814, 168.9237

■ 12.3258, 12.2207,
11.1604

■ 12.3258, 12.2207,
11.1604

■ 11.2257, 10.7053,
8.6825

■ 13.5670, 13.9076,
14.0262

■ 10.2606, 9.3543,
6.5751

■ 14.9531, 15.7695,
17.2949

■ 9.4253, 8.1626,
4.8202

■ 16.4892, 17.8119,
20.9816

■ 8.7139, 7.1240,
3.3985

■ 18.1797, 20.0396,
25.1005

■ 8.1200, 6.2321,
2.2884

■ 20.0288, 22.4572,
29.6650

■ 7.6366, 5.4799,
1.4659

■ 22.0406, 25.0690,
34.6879

■ 7.2560, 4.8599,
0.9035

■ 24.2190, 27.8793,
40.1817

■ 6.9566, 4.3586,
0.5034

■ 26.5678, 30.8923,
46.1581

■ 6.9320, 4.3182,
0.4681

■ 29.0907, 34.1119,
52.6286

Harmonies

Analogous

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



12.6443, 12.2207, 12.3586



12.3258, 12.2207, 11.1604



11.8229, 12.2207, 10.5556

Triad

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



12.3258, 12.2207, 11.1604



10.6104, 12.2207, 12.7242



11.9578, 12.2207, 16.3802

Complementary

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



12.3258, 12.2207, 11.1604



11.8845, 13.1500, 16.6638

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.



11.4103, 12.2207, 16.4975



12.3258, 12.2207, 11.1604



10.6439, 12.2207, 14.3012

Square

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



12.3258, 12.2207, 11.1604



10.8397, 12.2207, 11.4099



10.9329, 12.2207, 15.7109



12.4272, 12.2207, 15.4020

Rectangle

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



12.3258, 12.2207, 11.1604



11.4558, 12.2207, 10.5357



10.9329, 12.2207, 15.7109



11.7765, 12.2207, 16.5243

Sweetspot

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



12.3261, 12.2212, 11.1607



24.5127, 25.3502, 26.2403



12.5042, 11.4604, 14.6632



5.6801, 5.8666, 6.0496



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.



12.3261, 12.2212, 11.1607



20.7430, 20.2222, 17.5493



13.3312, 14.2315, 11.4957



3.4550, 3.5425, 3.5750



8.3043, 5.1411, 0.5546



40.7154, 24.3060, 2.5456

Inverse Universe

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



11.8845, 13.1500, 16.6638



19.8118, 22.1775, 29.1437



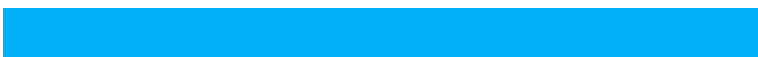
10.8973, 11.1754, 16.3347



3.3983, 3.6619, 4.2819



6.6766, 7.9434, 18.9029



32.4961, 38.0441, 93.9096

Previews

White Background



This preview shows how the XYZ color 12.3258, 12.2207, 11.1604 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 12.3258, 12.2207, 11.1604 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 12.3258, 12.2207, 11.1604

Background



This preview shows how black text looks on a background with the XYZ color 12.3258, 12.2207, 11.1604.



This preview shows how white text looks on a background with the XYZ color 12.3258, 12.2207,

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

12.3258, 12.2207, 11.1604

Protanopia

11.6926, 12.2983, 11.4304

Deuteranopia

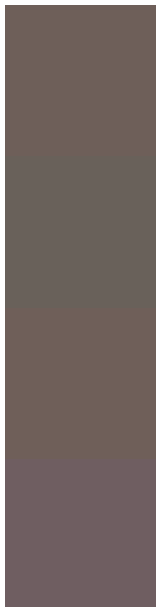
12.4509, 12.2852, 11.1662



Tritanopia

12.8189, 12.1478, 13.9811

Trichromacy



Original Color

12.3258, 12.2207, 11.1604

Protanomaly

11.9459, 12.2908, 11.4156

Deuteranomaly

12.4509, 12.2852, 11.1662

Tritanomaly

12.7159, 12.2480, 13.0032

Monochromacy



Original Color

12.3258, 12.2207, 11.1604

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.0268, 12.4452, 12.5947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.3258, 12.2207, 11.1604 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, 95, 89)` looks like.

```
.text, #text, p{  
    color:rgb(110, 95, 89)  
}
```

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, 95, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 95, 89) }
```

Border

The CSS property to change the border of an element to XYZ 12.3258, 12.2207, 11.1604 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, 95, 89) }
```


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

```
.border{ border-color:rgb(110, 95, 89) }
```

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

Here you see how a box with a 4 pixel rgb(110, 95, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 95, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 95, 89);  
box-shadow:4px 4px 4px 4px rgb(110, 95,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 12.3258, 12.2207, 11.1604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 95, 89) }
```

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

```
.background{ background-color: rgb(110, 95,  
89) }
```

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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