

Converting Colors

XYZ(11.9091, 11.3629, 12.0983)

Have a look what the booklet for
XYZ(11.9091, 11.3629, 12.0983)
contains.

XYZ(11.8609, 11.3086, 12.1473)	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(11.8609, 11.3086,
12.1473)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5A5E
RGB	108, 90, 94
RGB Percent	42%, 35%, 37%
CMY	0.5765, 0.6470, 0.6314
CMYK	0.00, 0.17, 0.13, 0.58
HSL	347°, 9%, 39%
HSV	347°, 17%, 42%
XYZ	11.8609, 11.3086, 12.1473
YIQ	95.8380, 9.4440, 5.0600

Conversions

Conversions Part 2

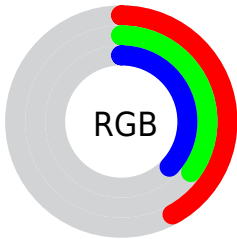
Format	Color
RYB	108, 90, 94
Decimal	7101022
CIELab	40.10, 8.07, 0.44
CIElCh	40, 8.081, 3.094
Yxy	11.3086, 0.3358, 0.3202
Android (android.graphics.Color)	4285291102 (0xFF6C5A5E)
YUV	95.8380, -0.9061, 10.6661
Hunter-Lab	33.6283, 4.1086, 2.1229

Details

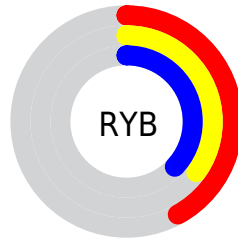
The XYZ color **11.8609, 11.3086, 12.1473** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.0782, 13.8986, 15.1435**, and the grayscale version is **11.0797, 11.6567, 12.6942**.

A 20% lighter version of the original color is **28.9093, 28.2434, 30.3134**, and **3.2977, 2.9754, 3.1968** is the 20% darker color. If you saturate the color by 10%, you get **10.6587, 9.4749, 9.9868**, and if you desaturate by 10%, it is **13.2372, 13.4246, 14.5686**.

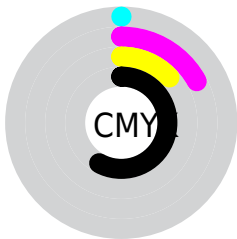
Distribution



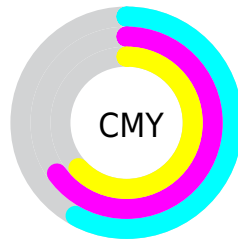
- Red (42%)
- Green (35%)
- Blue (37%)



- Red (42%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (58%)



- Cyan (58%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8609, 11.3086, 12.1473 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 11.8609, 11.3086, 12.1473 by changing the saturation by 10% instead.

■ 11.8609, 11.3086,
12.1473

■ 11.8609, 11.3086,
12.1473

197.2710,
199.7727, 216.3904

■ 6.7206, 6.2748,
6.7203

■ 28.8606, 28.2294,
30.4315

■ 3.3327, 3.0129,
3.2120

■ 41.4506, 40.8852,
44.1258

■ 1.3321, 1.1385,
1.2039

■ 57.2546, 56.8505,
61.4130

■ 0.2070, 0.0106,
0.0000

■ 76.6378, 76.5097,
82.7115

■ 0.0000, 0.0000,
0.0000

■ 99.9658, 100.2470,
108.4400

127.6037,

128.4471, 139.0169

159.9170,
161.4942, 174.8609

■ 11.8609, 11.3086,
12.1473

■ 11.8609, 11.3086,
12.1473

■ 10.6587, 9.4749,
9.9868

■ 13.2372, 13.4246,
14.5686

■ 9.6226, 7.9099,
8.0776

■ 14.7932, 15.8324,
17.2582

■ 8.7454, 6.6015,
6.4106

■ 16.5355, 18.5432,
20.2246

■ 8.0192, 5.5359,
4.9760

■ 18.4700, 21.5670,
23.4752

■ 7.4351, 4.6980,
3.7632

■ 20.6024, 24.9133,
27.0174

■ 6.9834, 4.0709,
2.7608

■ 22.9382, 28.5914,
30.8584

■ 6.6532, 3.6357,
1.9563

■ 25.4825, 32.6101,
35.0049

■ 6.4190, 3.3446,
1.3316

■ 28.2403, 36.9777,
39.4636

■ 6.3492, 3.2541,
1.1571

■ 31.2167, 41.7026,
44.2408

Harmonies

Analogous

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



11.7384, 11.3086, 13.7633



11.8609, 11.3086, 12.1473



11.6768, 11.3086, 10.7036

Triad

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



11.8609, 11.3086, 12.1473



10.1707, 11.3086, 9.9042



10.2681, 11.3086, 15.2756

Complementary

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



11.8609, 11.3086, 12.1473



12.0782, 13.8986, 15.1435

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.



9.8707, 11.3086, 14.0764



11.8609, 11.3086, 12.1473



9.8158, 11.3086, 10.9686

Square

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



11.8609, 11.3086, 12.1473



10.6904, 11.3086, 9.4812



9.7079, 11.3086, 12.4805



10.8068, 11.3086, 15.6593

Rectangle

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



11.8609, 11.3086, 12.1473



11.4087, 11.3086, 10.0064



9.7079, 11.3086, 12.4805



10.1142, 11.3086, 14.9496

Sweetspot

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



11.8612, 11.3091, 12.1475



23.6362, 24.1809, 26.2678



12.0491, 11.3266, 15.7388



5.6875, 5.8011, 6.2996



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.



11.8612, 11.3091, 12.1475



19.9694, 18.5480, 19.8018



12.1044, 12.0752, 11.3662



3.1248, 3.1268, 3.3873



7.5636, 3.8776, 1.3304



38.2613, 19.6464, 5.3125

Inverse Universe

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



11.8612, 11.3091, 12.1475



19.9694, 18.5480, 19.8018



11.7938, 12.9971, 16.0747



3.1248, 3.1268, 3.3873



7.5636, 3.8776, 1.3304



38.2613, 19.6464, 5.3125

Previews

White Background



This preview shows how the XYZ color 11.8609, 11.3086, 12.1473 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 11.8609, 11.3086, 12.1473 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 11.8609, 11.3086, 12.1473

Background



This preview shows how black text looks on a background with the XYZ color 11.8609, 11.3086, 12.1473.



This preview shows how white text looks on a background with the XYZ color 11.8609, 11.3086,

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

11.8609, 11.3086, 12.1473

Protanopia

10.9379, 11.3367, 12.6780

Deuteranopia

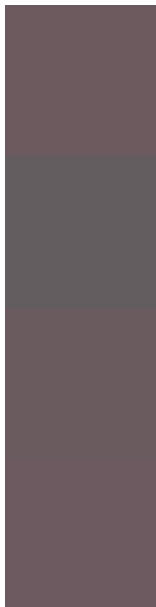
11.5564, 11.4055, 12.1821



Tritanopia

11.9982, 11.3635, 12.8703

Trichromacy



Original Color

11.8609, 11.3086, 12.1473

Protanomaly

11.2354, 11.3643, 12.4278

Deuteranomaly

11.5872, 11.2936, 12.1588

Tritanomaly

11.9518, 11.3450, 12.6262

Monochromacy



Original Color

11.8609, 11.3086, 12.1473

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.3238, 11.5410, 12.4573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8609, 11.3086, 12.1473 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(108, 90, 94)` looks like.

```
.text, #text, p{  
    color:rgb(108, 90, 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(108, 90, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 90, 94) }
```

Border

The CSS property to change the border of an element to XYZ 11.8609, 11.3086, 12.1473 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(108, 90, 94) }
```


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

```
.border{ border-color:rgb(108, 90, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 90, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 90, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 90, 94);  
box-shadow:4px 4px 4px 4px rgb(108, 90,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8609, 11.3086, 12.1473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 90, 94) }
```

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

```
.background{ background-color: rgb(108, 90,  
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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