

Converting Colors

XYZ(11.8696, 11.2977, 12.8012)

Have a look what the booklet for
XYZ(11.8696, 11.2977, 12.8012)
contains.

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Color

**XYZ(11.8772, 11.3012,
12.8646)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5A61
RGB	107, 90, 97
RGB Percent	42%, 35%, 38%
CMY	0.5804, 0.6470, 0.6196
CMYK	0.00, 0.16, 0.09, 0.58
HSL	335°, 9%, 39%
HSV	335°, 16%, 42%
XYZ	11.8772, 11.3012, 12.8646
YIQ	95.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

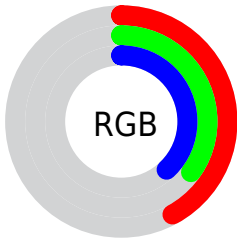
Format	Color
RYB	107, 90, 97
Decimal	7035489
CIELab	40.08, 8.24, -1.44
CIElCh	40, 8.362, 350.056
Yxy	11.3012, 0.3295, 0.3135
Android (android.graphics.Color)	4285225569 (0xFF6B5A61)
YUV	95.8810, 0.5517, 9.7514
Hunter-Lab	33.6173, 4.2350, 0.8431

Details

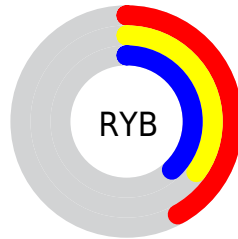
The XYZ color **11.8772, 11.3012, 12.8646** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7748, 13.6094, 14.0635**, and the grayscale version is **11.0870, 11.6644, 12.7025**.

A 20% lighter version of the original color is **28.8239, 28.1634, 31.9339**, and **3.3019, 2.9702, 3.5312** is the 20% darker color. If you saturate the color by 10%, you get **10.7570, 9.5118, 11.1001**, and if you desaturate by 10%, it is **13.1513, 13.3608, 14.7956**.

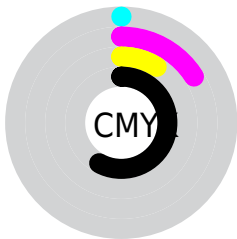
Distribution



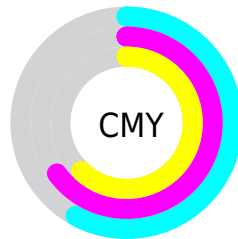
- Red (42%)
- Green (35%)
- Blue (38%)



- Red (42%)
- Yellow (35%)
- Blue (38%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (58%)



- Cyan (58%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8772, 11.3012, 12.8646 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 11.8772, 11.3012, 12.8646 by changing the saturation by 10% instead.

■ 11.8772, 11.3012,
12.8646

■ 11.8772, 11.3012,
12.8646

197.3772,
199.7225, 221.2253

■ 6.7317, 6.2698,
7.2057

■ 28.8901, 28.2158,
31.7479

■ 3.3397, 3.0098,
3.5107

■ 41.4881, 40.8678,
45.8095

■ 1.3359, 1.1369,
1.3610

■ 57.3011, 56.8288,
63.5090

■ 0.2098, 0.0092,
0.1110

■ 76.6944, 76.4832,
85.2651

■ 0.0000, 0.0000,
0.0000

■ 100.0333,
100.2153, 111.4962

127.6831,

128.4097, 142.6209

160.0093,
161.4506, 179.0578

■ 11.8772, 11.3012,
12.8646

■ 11.8772, 11.3012,
12.8646

■ 10.7570, 9.5118,
11.1001

■ 13.1513, 13.3608,
14.7956

■ 9.7836, 7.9799,
9.4968

■ 14.5841, 15.6997,
16.8968

■ 8.9509, 6.6939,
8.0498

■ 16.1813, 18.3284,
19.1729

■ 8.2519, 5.6406,
6.7542

■ 17.9480, 21.2566,
21.6278

■ 7.6791, 4.8060,
5.6043

■ 19.8892, 24.4931,
24.2657

7.2239, 4.1741,
4.5942

22.0095, 28.0468,
27.0903

6.8768, 3.7268,
3.7174

24.3136, 31.9261,
30.1054

6.6171, 3.4237,
2.9637

26.8057, 36.1389,
33.3145

6.5190, 3.3080,
2.6829

29.4902, 40.6930,
36.7213

Harmonies

Analogous

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



11.6189, 11.3012, 14.4705



11.8772, 11.3012, 12.8646



11.8229, 11.3012, 11.2424

Triad

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



11.8772, 11.3012, 12.8646



10.3637, 11.3012, 9.5434



10.0416, 11.3012, 14.9184

Complementary

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



11.8772, 11.3012, 12.8646



11.7748, 13.6094, 14.0635

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.



9.7280, 11.3012, 13.4327



11.8772, 11.3012, 12.8646



9.9093, 11.3012, 10.3672

Square

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



11.8772, 11.3012, 12.8646



10.9351, 11.3012, 9.4210



9.6805, 11.3012, 11.7620



10.5501, 11.3012, 15.7249

Rectangle

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



11.8772, 11.3012, 12.8646



11.6174, 11.3012, 10.3629



9.6805, 11.3012, 11.7620



9.9107, 11.3012, 14.4759

Sweetspot

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



11.8775, 11.3017, 12.8648



23.7303, 24.2185, 26.7629



11.5567, 11.0790, 15.4393



5.7125, 5.8111, 6.4312



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.



11.8775, 11.3017, 12.8648



20.5044, 19.0121, 21.8484



11.6860, 11.4181, 11.2615



3.1466, 3.1355, 3.5024



7.9160, 4.0185, 3.1865



39.9248, 20.3119, 14.0727

Inverse Universe

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



11.8775, 11.3017, 12.8648



20.5044, 19.0121, 21.8484



11.9818, 13.4578, 15.8761



3.1466, 3.1355, 3.5024



7.9160, 4.0185, 3.1865



39.9248, 20.3119, 14.0727

Previews

White Background



This preview shows how the XYZ color 11.8772, 11.3012, 12.8646 looks on a white background.

Color Contrast Check

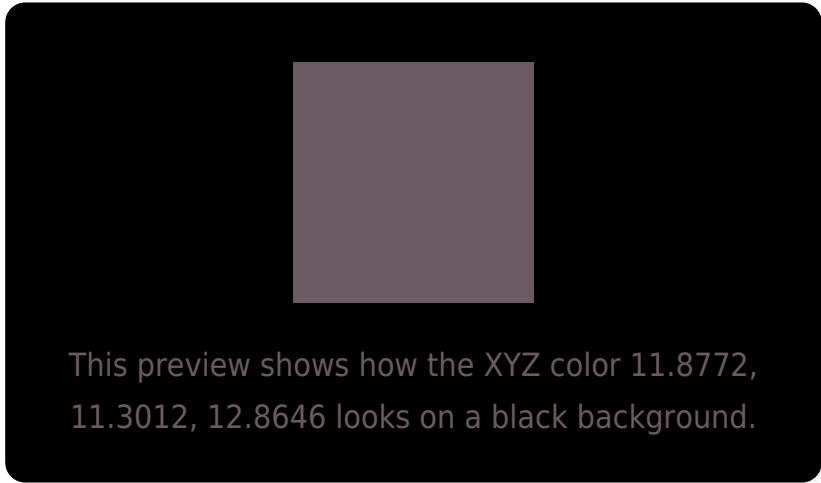
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8772, 11.3012, 12.8646

Background



This preview shows how black text looks on a background with the XYZ color 11.8772, 11.3012, 12.8646.

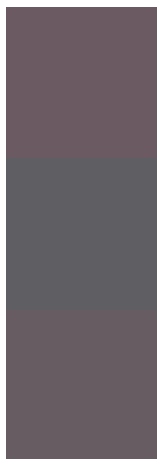


This preview shows how white text looks on a background with the XYZ color 11.8772, 11.3012,

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

11.8772, 11.3012, 12.8646

Protanopia

10.9741, 11.3392, 13.4147

Deuteranopia

11.5783, 11.4009, 12.8996



Tritanopia

11.8772, 11.3012, 12.8646

Trichromacy



Original Color

11.8772, 11.3012, 12.8646

Protanomaly

11.2645, 11.3632, 13.1549

Deuteranomaly

11.6077, 11.2883, 12.8763

Tritanomaly

11.8772, 11.3012, 12.8646

Monochromacy



Original Color

11.8772, 11.3012, 12.8646

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.3696, 11.5593, 12.6983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8772, 11.3012, 12.8646 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(107, 90, 97)` looks like.

```
.text, #text, p{  
    color:rgb(107, 90, 97)  
}
```

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(107, 90, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 90, 97) }
```

Border

The CSS property to change the border of an element to XYZ 11.8772, 11.3012, 12.8646 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(107, 90, 97) }
```


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

```
.border{ border-color:rgb(107, 90, 97) }
```

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

Here you see how a box with a 4 pixel rgb(107, 90, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 90, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 90, 97);  
box-shadow:4px 4px 4px 4px rgb(107, 90,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8772, 11.3012, 12.8646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 90, 97) }
```

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

```
.background{ background-color: rgb(107, 90,  
97) }
```

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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