

Converting Colors

XYZ(11.3195, 12.0849, 12.7582)

Have a look what the booklet for
XYZ(11.3195, 12.0849, 12.7582)
contains.

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Color

**XYZ(11.3029, 12.0667,
12.7997)**

Conversions

Conversions Part 1	
Format	Color
Hex	606260
RGB	96, 98, 96
RGB Percent	38%, 38%, 38%
CMY	0.6235, 0.6157, 0.6235
CMYK	0.02, 0.00, 0.02, 0.62
HSL	120°, 1%, 38%
HSV	120°, 2%, 38%
XYZ	11.3029, 12.0667, 12.7997
YIQ	97.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

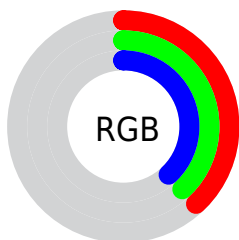
Format	Color
RYB	96, 98, 98
Decimal	6316640
CIELab	41.32, -1.20, 0.86
CIELCh	41, 1.474, 144.436
Yxy	12.0667, 0.3125, 0.3336
Android (android.graphics.Color)	4284506720 (0xFF606260)
YUV	97.1740, -0.5788, -1.0296
Hunter-Lab	34.7372, -2.7091, 2.4693

Details

The XYZ color **11.3029, 12.0667, 12.7997** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4249, 11.8446, 13.2400**, and the grayscale version is **11.4068, 12.0009, 13.0690**.

A 20% lighter version of the original color is **27.7898, 29.6812, 31.4585**, and **3.1191, 3.3644, 3.5026** is the 20% darker color. If you saturate the color by 10%, you get **9.9121, 11.3990, 10.5243**, and if you desaturate by 10%, it is **12.8792, 12.8242, 15.3780**.

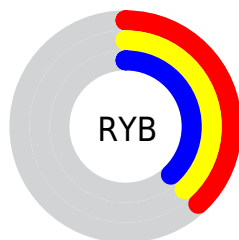
Distribution



Red (38%)

Green (38%)

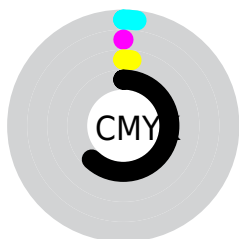
Blue (38%)



Red (38%)

Yellow (38%)

Blue (38%)

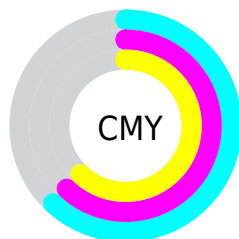


Cyan (2%)

Magenta (0%)

Yellow (2%)

Black (62%)



Cyan (62%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3029, 12.0667, 12.7997 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 11.3029, 12.0667, 12.7997 by changing the saturation by 10% instead.

■ 11.3029, 12.0667,
12.7997

■ 11.3029, 12.0667,
12.7997

193.5997,
204.8464, 220.7925

■ 6.3397, 6.7891,
7.1617

■ 27.8469, 29.6165,
31.6294

■ 3.0954, 3.3306,
3.4834

■ 40.1586, 42.6576,
45.6581

■ 1.2044, 1.3067,
1.3465

■ 55.6503, 59.0552,
63.3207

■ 0.1098, 0.1463,
0.0994

■ 74.6877, 79.1939,
85.0359

■ 0.0000, 0.0000,
0.0000

97.6359, 103.4579,
111.2221

124.8605,

132.2317, 142.2979

156.7266,
165.8998, 178.6819

■ 11.3029, 12.0667,
12.7997

■ 11.3029, 12.0667,
12.7997

■ 9.9121, 11.3990,
10.5243

■ 12.8792, 12.8242,
15.3780

■ 8.6990, 10.8163,
8.5399

■ 14.6464, 13.6731,
18.2689

■ 7.6568, 10.3156,
6.8350

■ 16.6109, 14.6168,
21.4826

■ 6.7777, 9.8934,
5.3971

■ 18.7787, 15.6580,
25.0288

■ 6.0536, 9.5455,
4.2127

■ 21.1552, 16.7996,
28.9165

■ 5.4754, 9.2678,
3.2670

■ 23.7459, 18.0440,
33.1546

■ 5.0333, 9.0554,
2.5439

■ 26.5559, 19.3938,
37.7516

■ 4.7161, 8.9031,
2.0251

■ 29.5903, 20.8514,
42.7157

■ 4.5084, 8.8033,
1.6855

■ 32.8540, 22.4190,
48.0547

Harmonies

Analogous

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



11.3843, 12.0667, 12.6107



11.3029, 12.0667, 12.7997



11.2660, 12.0667, 13.0817

Triad

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



11.3029, 12.0667, 12.7997



11.4492, 12.0667, 13.7323



11.6569, 12.0667, 12.8969

Complementary

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



11.3029, 12.0667, 12.7997



11.4249, 11.8446, 13.2400

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.



11.6745, 12.0667, 13.1957



11.3029, 12.0667, 12.7997



11.5541, 12.0667, 13.6810

Square

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



11.3029, 12.0667, 12.7997



11.3501, 12.0667, 13.6225



11.6368, 12.0667, 13.4834



11.5888, 12.0667, 12.6662

Rectangle

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



11.3029, 12.0667, 12.7997



11.2714, 12.0667, 13.2857



11.6368, 12.0667, 13.4834



11.6689, 12.0667, 12.9926

Sweetspot

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



11.3032, 12.0672, 12.8000



20.0720, 21.2732, 22.8631



11.5134, 12.1709, 12.8089



4.7768, 5.0593, 5.4439



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



11.3032, 12.0672, 12.8000



19.8028, 21.1439, 22.4227



11.3480, 12.0851, 13.0361



2.7929, 2.9759, 3.1677



5.8165, 11.6326, 1.9388



31.0722, 62.1439, 10.3573

Inverse Universe

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



11.4249, 11.8446, 13.2400



20.0177, 20.7504, 23.2001



11.3795, 11.8264, 13.0008



2.8189, 2.9282, 3.2619



9.6414, 4.6312, 15.7734



51.5062, 24.7406, 84.2654

Previews

White Background



This preview shows how the XYZ color 11.3029, 12.0667, 12.7997 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 11.3029, 12.0667, 12.7997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

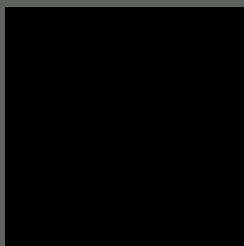
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

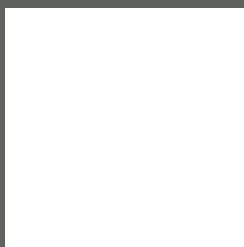
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3029, 12.0667, 12.7997

Background



This preview shows how black text looks on a background with the XYZ color 11.3029, 12.0667, 12.7997.



This preview shows how white text looks on a background with the XYZ color 11.3029, 12.0667,

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

11.3029, 12.0667, 12.7997

Protanopia

11.5958, 12.0849, 12.5479

Deuteranopia

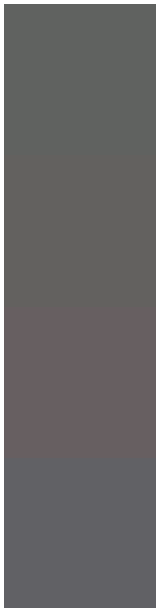
12.2238, 11.9943, 12.9801



Tritanopia

11.7031, 12.0903, 14.8135

Trichromacy



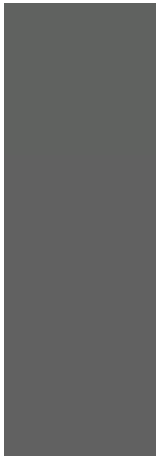
Original Color
11.3029, 12.0667, 12.7997

Protanomaly
11.4858, 12.0283, 12.5428

Deuteranomaly
11.8434, 11.9310, 12.9880

Tritanomaly
11.5534, 12.0304, 14.0251

Monochromacy



Original Color
11.3029, 12.0667, 12.7997

Achromatopsia
11.3621, 11.9538, 13.0177

Achromatomaly
11.3621, 11.9538, 13.0177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3029, 12.0667, 12.7997 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(96, 98, 96) looks like.

```
.text, #text, p{  
    color:rgb(96, 98, 96)  
}
```

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(96, 98, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 98, 96) }
```

Border

The CSS property to change the border of an element to XYZ 11.3029, 12.0667, 12.7997 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(96, 98, 96) }
```


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

```
.border{ border-color:rgb(96, 98, 96) }
```

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

Here you see how a box with a 4 pixel rgb(96, 98, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 98, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 98, 96);  
box-shadow:4px 4px 4px 4px rgb(96, 98, 96)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.3029, 12.0667, 12.7997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 98, 96) }
```

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

```
.background{ background-color: rgb(96, 98,  
96) }
```

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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