

Converting Colors

XYZ(11.5897, 12.4153, 12.9648)

Have a look what the booklet for
XYZ(11.5897, 12.4153, 12.9648)
contains.

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Color

**XYZ(11.5029, 12.3096,
12.8361)**

Conversions

Conversions Part 1

Format	Color
Hex	616360
RGB	97, 99, 96
RGB Percent	38%, 39%, 38%
CMY	0.6196, 0.6118, 0.6235
CMYK	0.02, 0.00, 0.03, 0.61
HSL	100°, 2%, 38%
HSV	100°, 3%, 39%
XYZ	11.5029, 12.3096, 12.8361
YIQ	98.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

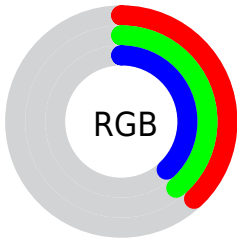
Format	Color
RYB	96, 99, 98
Decimal	6382432
CIELab	41.70, -1.40, 1.42
CIELCh	42, 1.999, 134.612
Yxy	12.3096, 0.3139, 0.3359
Android (android.graphics.Color)	4284572512 (0xFF616360)
YUV	98.0600, -1.0156, -0.9296
Hunter-Lab	35.0850, -2.8762, 2.8679

Details

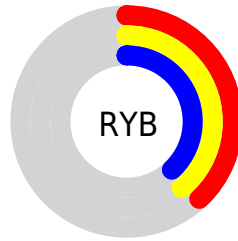
The XYZ color **11.5029, 12.3096, 12.8361** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4726, 11.8637, 13.4903**, and the grayscale version is **11.6271, 12.2327, 13.3214**.

A 20% lighter version of the original color is **28.3074, 30.1839, 31.5282**, and **3.2141, 3.4803, 3.5200** is the 20% darker color. If you saturate the color by 10%, you get **10.4009, 11.7913, 10.5531**, and if you desaturate by 10%, it is **12.7216, 12.8822, 15.4248**.

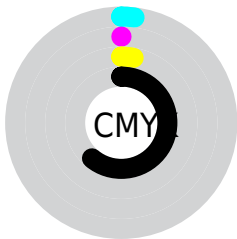
Distribution



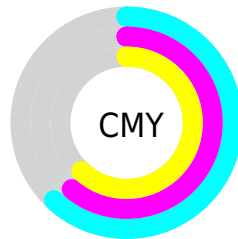
- Red (38%)
- Green (39%)
- Blue (38%)



- Red (38%)
- Yellow (39%)
- Blue (38%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (61%)



- Cyan (62%)
- Magenta (61%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5029, 12.3096, 12.8361 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 11.5029, 12.3096, 12.8361 by changing the saturation by 10% instead.

■ 11.5029, 12.3096,
12.8361

■ 11.5029, 12.3096,
12.8361

194.9239,
206.4443, 221.0354

■ 6.4759, 6.9549,
7.1864

■ 28.2112, 30.0577,
31.6959

■ 3.1800, 3.4339,
3.4987

■ 40.6233, 43.2200,
45.7430

■ 1.2496, 1.3622,
1.3546

■ 56.2278, 59.7535,
63.4264

■ 0.1450, 0.1886,
0.1059

■ 75.3900, 80.0427,
85.1645

■ 0.0000, 0.0000,
0.0000

98.4754, 104.4720,
111.3759

125.8493,

133.4257, 142.4792

157.8770,
167.2884, 178.8928

■ 11.5029, 12.3096,
12.8361

■ 11.5029, 12.3096,
12.8361

■ 10.4009, 11.7913,
10.5531

■ 12.7216, 12.8822,
15.4248

■ 9.4111, 11.3240,
8.5638

■ 14.0594, 13.5090,
18.3290

■ 8.5300, 10.9066,
6.8564

■ 15.5199, 14.1919,
21.5592

■ 7.7537, 10.5375,
5.4181

■ 17.1061, 14.9323,
25.1252

■ 7.0781, 10.2147,
4.2353

■ 18.8211, 15.7317,
29.0361

■ 6.4985, 9.9361,
3.2928

■ 20.6678, 16.5912,
33.3010

■ 6.0101, 9.6998,
2.5742

■ 22.6490, 17.5122,
37.9284

■ 5.6075, 9.5032,
2.0608

■ 24.7674, 18.4958,
42.9268

■ 5.2831, 9.3431,
1.7230

■ 27.0256, 19.5433,
48.3040

Harmonies

Analogous

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



11.6289, 12.3096, 12.6364



11.5029, 12.3096, 12.8361



11.4300, 12.3096, 13.1898

Triad

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



11.5029, 12.3096, 12.8361



11.6252, 12.3096, 14.1972



11.9750, 12.3096, 13.2003

Complementary

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



11.5029, 12.3096, 12.8361



11.4726, 11.8637, 13.4903

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.



11.9740, 12.3096, 13.6186



11.5029, 12.3096, 12.8361



11.7712, 12.3096, 14.2002

Square

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



11.5029, 12.3096, 12.8361



11.5002, 12.3096, 13.9785



11.8991, 12.3096, 13.9865



11.9019, 12.3096, 12.8436

Rectangle

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



11.5029, 12.3096, 12.8361



11.4210, 12.3096, 13.4681



11.8991, 12.3096, 13.9865



11.9834, 12.3096, 13.3382

Sweetspot

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



11.5032, 12.3101, 12.8364



20.1348, 21.3056, 22.8660



11.6251, 12.2331, 12.8151



4.7904, 5.0663, 5.4445



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.



11.5032, 12.3101, 12.8364



19.5181, 21.0157, 21.5703



11.4205, 12.2648, 12.9531



2.7338, 2.9488, 3.0127



6.5919, 12.0324, 1.9751



34.3629, 63.8403, 10.5113

Inverse Universe

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



11.4726, 11.8637, 13.4903



19.4472, 19.9835, 23.0822



11.5572, 11.9101, 13.3698



2.7231, 2.7930, 3.2408



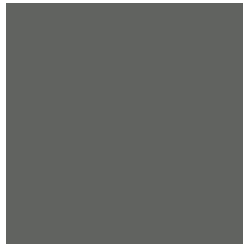
5.8256, 2.6641, 15.5949



30.1616, 13.7371, 83.2664

Previews

White Background



This preview shows how the XYZ color 11.5029, 12.3096, 12.8361 looks on a white background.

Color Contrast Check

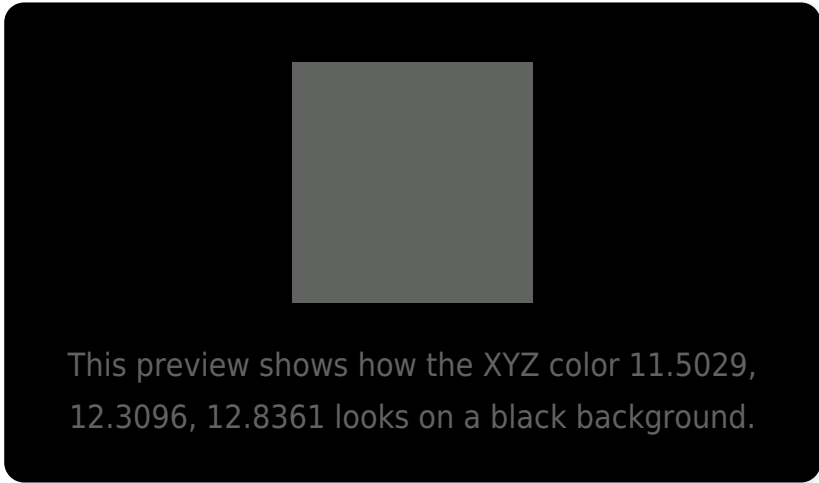
Large Text (above 18pt) WCAG AA ✓ Pass

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

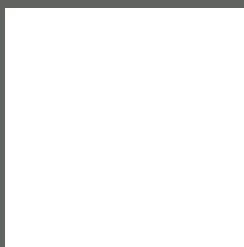
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5029, 12.3096, 12.8361

Background



This preview shows how black text looks on a background with the XYZ color 11.5029, 12.3096, 12.8361.



This preview shows how white text looks on a background with the XYZ color 11.5029, 12.3096,

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

11.5029, 12.3096, 12.8361

Protanopia

11.8001, 12.3283, 12.5841

Deuteranopia

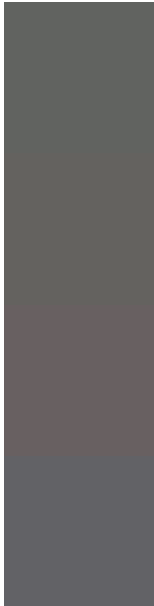
12.4342, 12.2356, 13.0156



Tritanopia

11.9545, 12.3520, 15.1187

Trichromacy



Original Color

11.5029, 12.3096, 12.8361

Protanomaly

11.6888, 12.2709, 12.5789

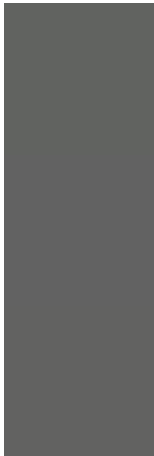
Deuteranomaly

12.0495, 12.1719, 13.0236

Tritanomaly

11.8030, 12.2913, 14.3208

Monochromacy



Original Color

11.5029, 12.3096, 12.8361

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.5624, 12.1951, 13.0537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5029, 12.3096, 12.8361 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(97, 99, 96) looks like.

```
.text, #text, p{  
    color:rgb(97, 99, 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(97, 99, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 99, 96) }
```

Border

The CSS property to change the border of an element to XYZ 11.5029, 12.3096, 12.8361 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(97, 99, 96) }
```


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

```
.border{ border-color:rgb(97, 99, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 99, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 99, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 99, 96);  
box-shadow:4px 4px 4px 4px rgb(97, 99, 96)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5029, 12.3096, 12.8361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 99, 96) }
```

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

```
.background{ background-color: rgb(97, 99,  
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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