

Converting Colors

XYZ(11.6013, 12.0015, 13.1357)

Have a look what the booklet for
XYZ(11.6013, 12.0015, 13.1357)
contains.

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Color

**XYZ(11.4861, 11.8815,
12.9972)**

Conversions

Conversions Part 1

Format	Color
Hex	636061
RGB	99, 96, 97
RGB Percent	39%, 38%, 38%
CMY	0.6118, 0.6235, 0.6196
CMYK	0.00, 0.03, 0.02, 0.61
HSL	340°, 2%, 38%
HSV	340°, 3%, 39%
XYZ	11.4861, 11.8815, 12.9972
YIQ	97.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

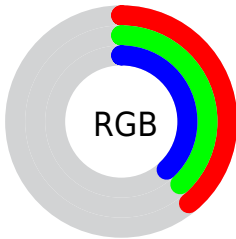
Format	Color
R_{YB}	99, 96, 97
Decimal	6512737
CIE Lab	41.03, 1.39, -0.15
CIE LCh	41, 1.401, 353.755
Yxy	11.8815, 0.3159, 0.3267
Android (android.graphics.Color)	4284702817 (0xFF636061)
YUV	97.0110, -0.0054, 1.7444
Hunter-Lab	34.4696, -0.8411, 1.7726

Details

The XYZ color **11.4861, 11.8815, 12.9972** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4908, 12.2925, 13.3230**, and the grayscale version is **11.3650, 11.9569, 13.0211**.

A 20% lighter version of the original color is **28.2019, 29.1799, 32.1629**, and **3.2063, 3.2771, 3.5955** is the 20% darker color. If you saturate the color by 10%, you get **10.3440, 10.0696, 11.1599**, and if you desaturate by 10%, it is **12.7683, 13.9322, 15.0081**.

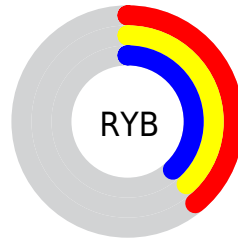
Distribution



Red (39%)

Green (38%)

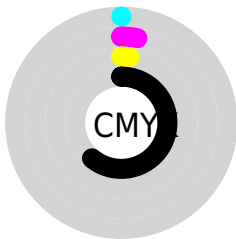
Blue (38%)



Red (39%)

Yellow (38%)

Blue (38%)

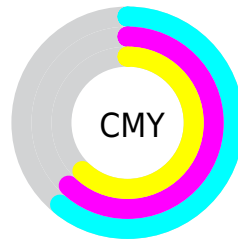


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (61%)



Cyan (61%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4861, 11.8815, 12.9972 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 11.4861, 11.8815, 12.9972 by changing the saturation by 10% instead.

■ 11.4861, 11.8815,
12.9972

■ 11.4861, 11.8815,
12.9972

194.8130,
203.6192, 222.1069

■ 6.4645, 6.6630,
7.2959

■ 28.1807, 29.2791,
31.9899

■ 3.1728, 3.2523,
3.5666

■ 40.5843, 42.2270,
46.1183

■ 1.2458, 1.2648,
1.3907

■ 56.1794, 58.5202,
63.8929

■ 0.1421, 0.1137,
0.1345

■ 75.3312, 78.5431,
85.7322

■ 0.0000, 0.0000,
0.0000

98.4051, 102.6800,
112.0547

125.7665,

131.3154, 143.2790

157.7806,
164.8337, 179.8235

■ 11.4861, 11.8815,
12.9972

■ 11.4861, 11.8815,
12.9972

■ 10.3440, 10.0696,
11.1599

■ 12.7683, 13.9322,
15.0081

■ 9.3361, 8.4864,
9.4906

■ 14.1942, 16.2284,
17.1962

■ 8.4577, 7.1230,
7.9848

■ 15.7685, 18.7785,
19.5661

■ 7.7033, 5.9698,
6.6374

■ 17.4954, 21.5899,
22.1220

■ 7.0671, 5.0161,
5.4428

■ 19.3789, 24.6699,
24.8680

■ 6.5427, 4.2503,
4.3953

■ 21.4229, 28.0252,
27.8079

■ 6.1232, 3.6599,
3.4889

■ 23.6311, 31.6626,
30.9455

■ 5.8007, 3.2305,
2.7168

■ 26.0071, 35.5885,
34.2845

■ 5.5633, 2.9396,
2.0707

■ 28.5545, 39.8091,
37.8285

Harmonies

Analogous

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



11.4495, 11.8815, 13.2667



11.4861, 11.8815, 12.9972



11.4707, 11.8815, 12.7154

Triad

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



11.4861, 11.8815, 12.9972



11.2154, 11.8815, 12.4372



11.1792, 11.8815, 13.3882

Complementary

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



11.4861, 11.8815, 12.9972



11.4908, 12.2925, 13.3230

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.



11.1171, 11.8815, 13.1610



11.4861, 11.8815, 12.9972



11.1380, 11.8815, 12.6126

Square

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



11.4861, 11.8815, 12.9972



11.3140, 11.8815, 12.3948



11.1021, 11.8815, 12.8769



11.2720, 11.8815, 13.4946

Rectangle

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



11.4861, 11.8815, 12.9972



11.4331, 11.8815, 12.5581



11.1021, 11.8815, 12.8769



11.1541, 11.8815, 13.3233

Sweetspot

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



11.4864, 11.8820, 12.9975



20.1247, 21.0530, 22.9620



11.4724, 11.8639, 13.4897



4.7882, 5.0116, 5.4653



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.



11.4864, 11.8820, 12.9975



19.4801, 20.0257, 21.9398



11.4859, 11.9550, 12.7692



2.7281, 2.7994, 3.0683



7.0470, 3.5936, 2.1011



37.2735, 19.0488, 9.2602

Inverse Universe

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



11.4864, 11.8820, 12.9975



19.4801, 20.0257, 21.9398



11.4910, 12.2171, 13.5569



2.7281, 2.7994, 3.0683



7.0470, 3.5936, 2.1011



37.2735, 19.0488, 9.2602

Previews

White Background



This preview shows how the XYZ color 11.4861, 11.8815, 12.9972 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 11.4861, 11.8815, 12.9972 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

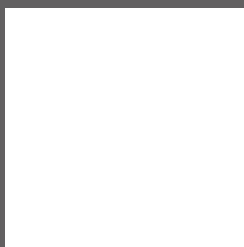
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4861, 11.8815, 12.9972

Background



This preview shows how black text looks on a background with the XYZ color 11.4861, 11.8815, 12.9972.



This preview shows how white text looks on a background with the XYZ color 11.4861, 11.8815,

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

11.4861, 11.8815, 12.9972

Protanopia

11.3775, 11.8255, 12.9921

Deuteranopia

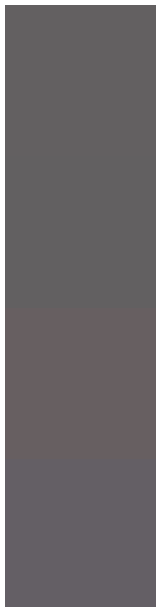
12.1042, 11.9326, 12.9745



Tritanopia

11.7959, 11.8730, 14.5020

Trichromacy



Original Color

11.4861, 11.8815, 12.9972

Protanomaly

11.3775, 11.8255, 12.9921

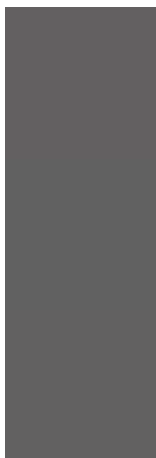
Deuteranomaly

11.8434, 11.9310, 12.9880

Tritanomaly

11.6967, 11.8333, 13.9795

Monochromacy



Original Color

11.4861, 11.8815, 12.9972

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4694, 12.0091, 13.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4861, 11.8815, 12.9972 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(99, 96, 97) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 11.4861, 11.8815, 12.9972 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(99, 96, 97) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 11.4861, 11.8815, 12.9972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(99, 96,  
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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