

Converting Colors

XYZ(11.6941, 11.4606, 12.9053)

Have a look what the booklet for
XYZ(11.6941, 11.4606, 12.9053)
contains.

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Color

**XYZ(11.6937, 11.4604,
12.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	685C61
RGB	104, 92, 97
RGB Percent	41%, 36%, 38%
CMY	0.5922, 0.6392, 0.6196
CMYK	0.00, 0.12, 0.07, 0.59
HSL	335°, 6%, 38%
HSV	335°, 12%, 41%
XYZ	11.6937, 11.4604, 12.9050
YIQ	96.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

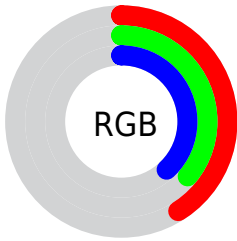
Format	Color
R_{YB}	104, 92, 97
Decimal	6839393
CIE Lab	40.35, 5.81, -1.09
CIE LCh	40, 5.915, 349.335
Yxy	11.4604, 0.3243, 0.3178
Android (android.graphics.Color)	4285029473 (0xFF685C61)
YUV	96.1580, 0.4151, 6.8774
Hunter-Lab	33.8532, 2.4150, 1.0956

Details

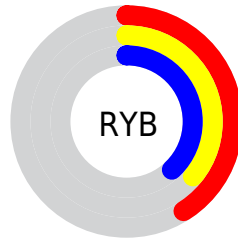
The XYZ color **11.6937, 11.4604, 12.9050** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6165, 13.0770, 13.7168**, and the grayscale version is **11.1549, 11.7358, 12.7803**.

A 20% lighter version of the original color is **28.5359, 28.4527, 32.0049**, and **3.2619, 3.0629, 3.5512** is the 20% darker color. If you saturate the color by 10%, you get **10.5818, 9.6721, 11.1916**, and if you desaturate by 10%, it is **12.9516, 13.5058, 14.7742**.

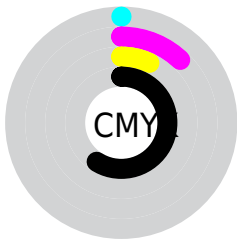
Distribution



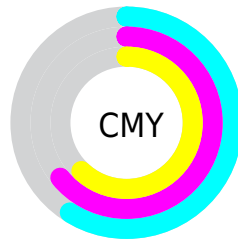
- Red (41%)
- Green (36%)
- Blue (38%)



- Red (41%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (59%)



- Cyan (59%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6937, 11.4604, 12.9050 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 11.6937, 11.4604, 12.9050 by changing the saturation by 10% instead.

■ 11.6937, 11.4604,
12.9050

■ 11.6937, 11.4604,
12.9050

196.1784,
200.7995, 221.4943

■ 6.6062, 6.3774,
7.2332

■ 28.5577, 28.5084,
31.8217

■ 3.2612, 3.0759,
3.5277

■ 41.0649, 41.2423,
45.9037

■ 1.2933, 1.1715,
1.3700

■ 56.7761, 57.2952,
63.6261

■ 0.1782, 0.0382,
0.1182

■ 76.0565, 77.0515,
85.4076

■ 0.0000, 0.0000,
0.0000

■ 99.2716, 100.8958,
111.6666

126.7868,

129.2122, 142.8217

158.9672,
162.3853, 179.2914

■ 11.6937, 11.4604,
12.9050

■ 11.6937, 11.4604,
12.9050

■ 10.5818, 9.6721,
11.1916

■ 12.9516, 13.5058,
14.7742

■ 9.6094, 8.1291,
9.6289

■ 14.3597, 15.8164,
16.8024

■ 8.7711, 6.8211,
8.2129

■ 15.9233, 18.4018,
18.9937

■ 8.0605, 5.7363,
6.9389

■ 17.6471, 21.2708,
21.3520

■ 7.4709, 4.8620,
5.8020

■ 19.5355, 24.4316,
23.8807

6.9947, 4.1842,
4.7969

21.5929, 27.8922,
26.5834

6.6236, 3.6870,
3.9179

23.8235, 31.6602,
29.4634

6.3475, 3.3514,
3.1587

26.2311, 35.7431,
32.5240

6.1510, 3.1199,
2.5948

28.8198, 40.1480,
35.7685

Harmonies

Analogous

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



11.5076, 11.4604, 14.0233



11.6937, 11.4604, 12.9050



11.6611, 11.4604, 11.7389

Triad

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



11.6937, 11.4604, 12.9050



10.6314, 11.4604, 10.4490



10.3824, 11.4604, 14.2883

Complementary

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



11.6937, 11.4604, 12.9050



11.6165, 13.0770, 13.7168

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.



10.1590, 11.4604, 13.2483



11.6937, 11.4604, 12.9050



10.3002, 11.4604, 11.0514

Square

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



11.6937, 11.4604, 12.9050



11.0407, 11.4604, 10.3700



10.1293, 11.4604, 12.0614



10.7461, 11.4604, 14.8549

Rectangle

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



11.6937, 11.4604, 12.9050



11.5200, 11.4604, 11.0888



10.1293, 11.4604, 12.0614



10.2888, 11.4604, 13.9795

Sweetspot

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



11.6940, 11.4609, 12.9052



22.3637, 23.1091, 25.3941



11.4718, 11.3070, 14.6746



5.4179, 5.5756, 6.1392



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.6940, 11.4609, 12.9052



19.9328, 19.1650, 21.7543



11.5554, 11.5450, 11.7452



2.8723, 2.8636, 3.2003



7.5668, 3.8397, 3.1173



39.0487, 19.8595, 14.0656

Inverse Universe

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



11.6940, 11.4609, 12.9052



19.9328, 19.1650, 21.7543



11.7629, 12.9755, 14.9813



2.8723, 2.8636, 3.2003



7.5668, 3.8397, 3.1173



39.0487, 19.8595, 14.0656

Previews

White Background



This preview shows how the XYZ color 11.6937, 11.4604, 12.9050 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 11.6937, 11.4604, 12.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

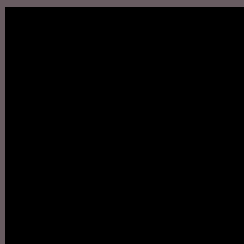
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6937, 11.4604, 12.9050

Background



This preview shows how black text looks on a background with the XYZ color 11.6937, 11.4604, 12.9050.

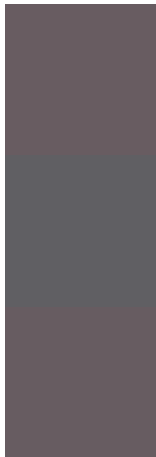


This preview shows how white text looks on a background with the XYZ color 11.6937, 11.4604,

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

11.6937, 11.4604, 12.9050

Protanopia

11.1682, 11.5721, 13.4494

Deuteranopia

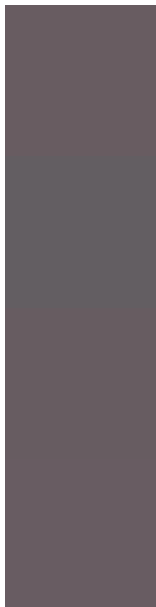
11.5783, 11.4009, 12.8996



Tritanopia

11.7882, 11.4982, 13.4024

Trichromacy



Original Color

11.6937, 11.4604, 12.9050

Protanomaly

11.3529, 11.5399, 13.1843

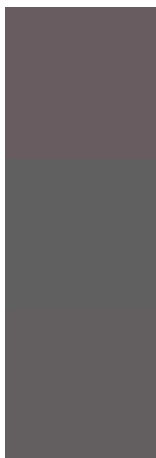
Deuteranomaly

11.5783, 11.4009, 12.8996

Tritanomaly

11.7407, 11.4792, 13.1522

Monochromacy



Original Color

11.6937, 11.4604, 12.9050

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.3491, 11.6816, 12.7229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6937, 11.4604, 12.9050 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(104, 92, 97)` looks like.

```
.text, #text, p{  
    color:rgb(104, 92, 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(104, 92, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 92, 97) }
```

Border

The CSS property to change the border of an element to XYZ 11.6937, 11.4604, 12.9050 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(104, 92, 97) }
```


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

```
.border{ border-color:rgb(104, 92, 97) }
```

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

Here you see how a box with a 4 pixel rgb(104, 92, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 92, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 92, 97);  
box-shadow:4px 4px 4px 4px rgb(104, 92,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6937, 11.4604, 12.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 92, 97) }
```

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

```
.background{ background-color: rgb(104, 92,  
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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