

Converting Colors

XYZ(11.6567, 13.9593, 11.2840)

Have a look what the booklet for
XYZ(11.6567, 13.9593, 11.2840)
contains.

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Color

**XYZ(11.6437, 13.9172,
11.3051)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6D58
RGB	92, 109, 88
RGB Percent	36%, 43%, 35%
CMY	0.6392, 0.5725, 0.6549
CMYK	0.16, 0.00, 0.19, 0.57
HSL	109°, 11%, 39%
HSV	109°, 19%, 43%
XYZ	11.6437, 13.9172, 11.3051
YIQ	101.5230, -3.3910, -10.1350

Conversions

Conversions Part 2

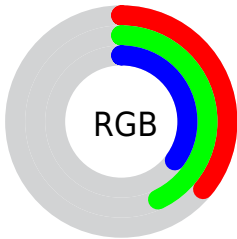
Format	Color
R _Y B	88, 109, 105
Decimal	6057304
CIE Lab	44.11, -10.79, 9.64
CIE LCh	44, 14.469, 138.203
Yxy	13.9172, 0.3158, 0.3775
Android (android.graphics.Color)	4284247384 (0xFF5C6D58)
YUV	101.5230, -6.6668, -8.3517
Hunter-Lab	37.3058, -9.5725, 8.1469

Details

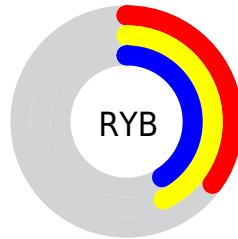
The XYZ color **11.6437, 13.9172, 11.3051** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.0764, 11.0873, 15.9724**, and the grayscale version is **12.5228, 13.1749, 14.3475**.

A 20% lighter version of the original color is **28.4876, 33.0755, 28.9275**, and **3.2315, 4.0927, 2.9052** is the 20% darker color. If you saturate the color by 10%, you get **10.3948, 13.3221, 9.0634**, and if you desaturate by 10%, it is **13.0636, 14.5934, 13.9079**.

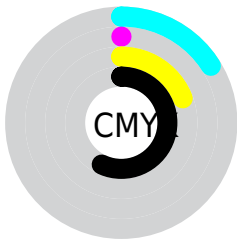
Distribution



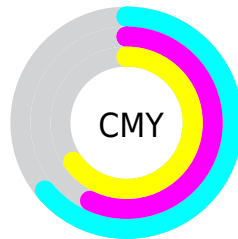
- Red (36%)
- Green (43%)
- Blue (35%)



- Red (35%)
- Yellow (43%)
- Blue (41%)



- Cyan (16%)
- Magenta (0%)
- Yellow (19%)
- Black (57%)



- Cyan (64%)
- Magenta (57%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6437, 13.9172, 11.3051 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 11.6437, 13.9172, 11.3051 by changing the saturation by 10% instead.

■ 11.6437, 13.9172,
11.3051

■ 11.6437, 13.9172,
11.3051

195.8505,
216.7151, 210.5609

■ 6.5720, 8.0631,
6.1557

■ 28.4670, 32.9420,
28.8682

■ 3.2398, 4.1354,
2.8697

■ 40.9494, 46.8816,
42.1190

■ 1.2818, 1.7496,
1.0285

■ 56.6326, 64.2850,
58.9073

■ 0.1696, 0.4554,
0.0000

■ 75.8822, 85.5368,
79.6517

■ 0.0000, 0.0000,
0.0000

■ 99.0634, 111.0213,
104.7707

126.5416,

141.1229, 134.6829

158.6822,
176.2261, 169.8068

■ 11.6437, 13.9172,
11.3051

■ 11.6437, 13.9172,
11.3051

■ 10.3948, 13.3221,
9.0634

■ 13.0636, 14.5934,
13.9079

■ 9.3094, 12.8034,
7.1659

■ 14.6595, 15.3519,
16.8858

■ 8.3807, 12.3585,
5.5960

■ 16.4376, 16.1959,
20.2532

■ 7.6015, 11.9839,
4.3349

■ 18.4036, 17.1279,
24.0233

■ 6.9636, 11.6759,
3.3624

■ 20.5626, 18.1506,
28.2090

■ 6.4583, 11.4305,
2.6556

■ 22.9199, 19.2661,
32.8223

■ 6.0756, 11.2432,
2.1882

■ 25.4804, 20.4769,
37.8750

■ 5.7912, 11.1035,
1.8609

■ 28.2487, 21.7851,
43.3782

■ 5.7731, 11.0947,
1.8372

■ 31.2295, 23.1928,
49.3427

Harmonies

Analogous

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



12.5477, 13.9172, 9.8890



11.6437, 13.9172, 11.3051



11.1752, 13.9172, 13.8927

Triad

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



11.6437, 13.9172, 11.3051



12.7800, 13.9172, 22.2532



15.4465, 13.9172, 13.2562

Complementary

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



11.6437, 13.9172, 11.3051



12.0764, 11.0873, 15.9724

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.



15.5177, 13.9172, 16.4883



11.6437, 13.9172, 11.3051



13.9323, 13.9172, 22.0169

Square

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



11.6437, 13.9172, 11.3051



11.8053, 13.9172, 20.3941



14.9496, 13.9172, 19.7889



14.7604, 13.9172, 10.8976

Rectangle

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



11.6437, 13.9172, 11.3051



11.1536, 13.9172, 16.0771



14.9496, 13.9172, 19.7889



15.5446, 13.9172, 14.2659

Sweetspot

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



11.6441, 13.9178, 11.3054



24.2429, 26.5355, 26.4833



13.1000, 14.0189, 11.2482



5.6131, 6.1615, 6.1101



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.



11.6441, 13.9178, 11.3054



19.8350, 24.4372, 18.4107



11.5275, 13.8262, 12.7219



3.1129, 3.4700, 3.3232



6.7346, 12.9670, 2.1479



33.7466, 65.7791, 10.9180

Inverse Universe

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



12.0764, 11.0873, 15.9724



20.7562, 18.3995, 28.3647



12.2301, 11.2043, 14.2718



3.1639, 3.1362, 3.8735



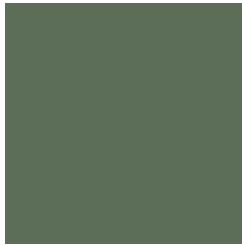
7.9441, 3.7224, 17.2220



39.7884, 18.6113, 87.7215

Previews

White Background



This preview shows how the XYZ color 11.6437, 13.9172, 11.3051 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 11.6437, 13.9172, 11.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

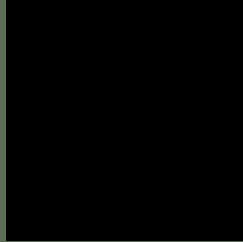
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6437, 13.9172, 11.3051

Background



This preview shows how black text looks on a background with the XYZ color 11.6437, 13.9172, 11.3051.



This preview shows how white text looks on a background with the XYZ color 11.6437, 13.9172,

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

11.6437, 13.9172, 11.3051

Protanopia

13.0204, 13.8715, 10.5855

Deuteranopia

14.0104, 13.7745, 11.5932



Tritanopia

12.9127, 13.8049, 17.9036

Trichromacy



Original Color

11.6437, 13.9172, 11.3051

Protanomaly

12.4273, 13.8635, 10.8250

Deuteranomaly

12.9601, 13.6730, 11.4073

Tritanomaly

12.4232, 13.7609, 15.3659

Monochromacy



Original Color

11.6437, 13.9172, 11.3051

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.2462, 13.5629, 13.2817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6437, 13.9172, 11.3051 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(92, 109, 88) looks like.

```
.text, #text, p{  
    color:rgb(92, 109, 88)  
}
```

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(92, 109, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 109, 88) }
```

Border

The CSS property to change the border of an element to XYZ 11.6437, 13.9172, 11.3051 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(92, 109, 88) }
```


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

```
.border{ border-color:rgb(92, 109, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 109, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 109, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 109, 88);  
box-shadow:4px 4px 4px 4px rgb(92, 109,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6437, 13.9172, 11.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 109, 88) }
```

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

```
.background{ background-color: rgb(92, 109,  
88) }
```

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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