

Converting Colors

XYZ(11.6662, 13.8382, 11.6188)

Have a look what the booklet for
XYZ(11.6662, 13.8382, 11.6188)
contains.

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Color

**XYZ(11.6217, 13.7386,
11.7122)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6C5A
RGB	92, 108, 90
RGB Percent	36%, 42%, 35%
CMY	0.6392, 0.5765, 0.6471
CMYK	0.15, 0.00, 0.17, 0.58
HSL	113°, 9%, 39%
HSV	113°, 17%, 42%
XYZ	11.6217, 13.7386, 11.7122
YIQ	101.1640, -3.7580, -8.9900

Conversions

Conversions Part 2

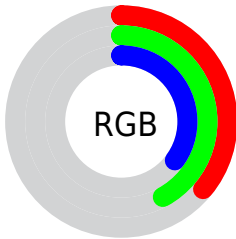
Format	Color
RYB	90, 108, 106
Decimal	6057050
CIELab	43.86, -9.83, 8.08
CIELCh	44, 12.726, 140.570
Yxy	13.7386, 0.3135, 0.3706
Android (android.graphics.Color)	4284247130 (0xFF5C6C5A)
YUV	101.1640, -5.5039, -8.0368
Hunter-Lab	37.0656, -8.8972, 7.2111

Details

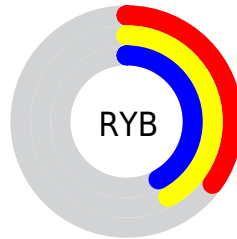
The XYZ color **11.6217, 13.7386, 11.7122** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3073, 11.4596, 15.7513**, and the grayscale version is **12.4268, 13.0740, 14.2376**.

A 20% lighter version of the original color is **28.2871, 32.4405, 29.5817**, and **3.2501, 4.1002, 3.0030** is the 20% darker color. If you saturate the color by 10%, you get **10.2961, 13.1049, 9.4224**, and if you desaturate by 10%, it is **13.1365, 14.4629, 14.3602**.

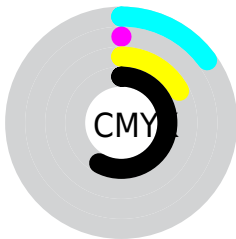
Distribution



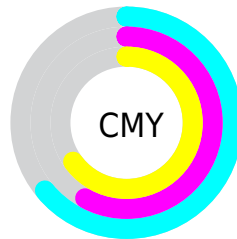
- Red (36%)
- Green (42%)
- Blue (35%)



- Red (35%)
- Yellow (42%)
- Blue (42%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (58%)



- Cyan (64%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6217, 13.7386, 11.7122 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 11.6217, 13.7386, 11.7122 by changing the saturation by 10% instead.

■ 11.6217, 13.7386,
11.7122

■ 11.6217, 13.7386,
11.7122

195.7060,
215.5985, 213.4004

■ 6.5570, 7.9391,
6.4279

■ 28.4271, 32.6245,
29.6264

■ 3.2305, 4.0560,
3.0340

■ 40.8985, 46.4797,
43.0933

■ 1.2768, 1.7049,
1.1120

■ 56.5695, 63.7888,
60.1248

■ 0.1657, 0.4268,
0.0000

■ 75.8054, 84.9364,
81.1394

■ 0.0000, 0.0000,
0.0000

■ 98.9717, 110.3067,
106.5558

126.4337,

140.2843, 136.7924

158.5566,
175.2534, 172.2677

■ 11.6217, 13.7386,
11.7122

■ 11.6217, 13.7386,
11.7122

■ 10.2961, 13.1049,
9.4224

■ 13.1365, 14.4629,
14.3602

■ 9.1510, 12.5566,
7.4745

■ 14.8463, 15.2792,
17.3799

■ 8.1791, 12.0904,
5.8525

■ 16.7580, 16.1914,
20.7852

■ 7.3718, 11.7025,
4.5385

■ 18.8782, 17.2024,
24.5890

■ 6.7199, 11.3885,
3.5131

■ 21.2127, 18.3150,
28.8036

■ 6.2134, 11.1436,
2.7545

■ 23.7673, 19.5319,
33.4408

■ 5.8408, 10.9625,
2.2380

■ 26.5477, 20.8559,
38.5120

■ 5.5828, 10.8367,
1.9008

■ 29.5592, 22.2895,
44.0280

■ 5.5144, 10.8038,
1.7947

■ 32.8071, 23.8350,
49.9994

Harmonies

Analogous

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



12.3909, 13.7386, 10.3529



11.6217, 13.7386, 11.7122



11.2431, 13.7386, 14.0705

Triad

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



11.6217, 13.7386, 11.7122



12.7441, 13.7386, 21.1095



14.9521, 13.7386, 13.0976

Complementary

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



11.6217, 13.7386, 11.7122



12.3073, 11.4596, 15.7513

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.



15.0587, 13.7386, 15.8841



11.6217, 13.7386, 11.7122



13.7489, 13.7386, 20.7615

Square

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



11.6217, 13.7386, 11.7122



11.8689, 13.7386, 19.6537



14.6083, 13.7386, 18.7564



14.3243, 13.7386, 11.0786

Rectangle

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



11.6217, 13.7386, 11.7122



11.2492, 13.7386, 15.9973



14.6083, 13.7386, 18.7564



15.0513, 13.7386, 13.9666

Sweetspot

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



11.6221, 13.7392, 11.7125



23.4989, 25.5990, 25.9790



13.1741, 14.2144, 11.7224



5.6509, 6.1785, 6.2232



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.



11.6221, 13.7392, 11.7125



19.4624, 23.6700, 18.9307



11.7324, 13.7606, 13.3229



3.0924, 3.4594, 3.3222



6.5628, 12.8784, 2.1399



33.0492, 65.4196, 10.8854

Inverse Universe

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



12.3073, 11.4596, 15.7513



20.9068, 18.8630, 27.4467



12.1948, 11.4424, 13.9040



3.1861, 3.1477, 3.8745



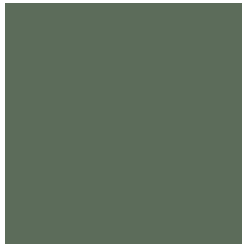
8.9686, 4.2505, 17.2700



45.2452, 21.4244, 87.9768

Previews

White Background



This preview shows how the XYZ color 11.6217, 13.7386, 11.7122 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 11.6217, 13.7386, 11.7122 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 11.6217, 13.7386, 11.7122

Background



This preview shows how black text looks on a background with the XYZ color 11.6217, 13.7386, 11.7122.



This preview shows how white text looks on a background with the XYZ color 11.6217, 13.7386,

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

11.6217, 13.7386, 11.7122

Protanopia

12.9184, 13.6563, 11.1876

Deuteranopia

13.9602, 13.7386, 12.0413



Tritanopia

12.8561, 13.7822, 17.6054

Trichromacy



Original Color

11.6217, 13.7386, 11.7122

Protanomaly

12.4483, 13.7080, 11.4410

Deuteranomaly

13.0452, 13.7070, 11.8557

Tritanomaly

12.4232, 13.7609, 15.3659

Monochromacy



Original Color

11.6217, 13.7386, 11.7122

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.1450, 13.3604, 13.2480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6217, 13.7386, 11.7122 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, 108, 90) looks like.

```
.text, #text, p{  
    color:rgb(92, 108, 90)  
}
```

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, 108, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 108, 90) }
```

Border

The CSS property to change the border of an element to XYZ 11.6217, 13.7386, 11.7122 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, 108, 90) }
```


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

```
.border{ border-color:rgb(92, 108, 90) }
```

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

Here you see how a box with a 4 pixel rgb(92, 108, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 108, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 108, 90);  
box-shadow:4px 4px 4px 4px rgb(92, 108,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6217, 13.7386, 11.7122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 108, 90) }
```

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

```
.background{ background-color: rgb(92, 108,  
90) }
```

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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