

Converting Colors

XYZ(11.7646, 13.3140, 5.8575)

Have a look what the booklet for
XYZ(11.7646, 13.3140, 5.8575)
contains.

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Color

**XYZ(11.7522, 13.3218,
5.8229)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6839
RGB	107, 104, 57
RGB Percent	42%, 41%, 22%
CMY	0.5804, 0.5921, 0.7765
CMYK	0.00, 0.03, 0.47, 0.58
HSL	56°, 30%, 32%
HSV	56°, 47%, 42%
XYZ	11.7522, 13.3218, 5.8229
YIQ	99.5390, 16.8750, -13.9810

Conversions

Conversions Part 2

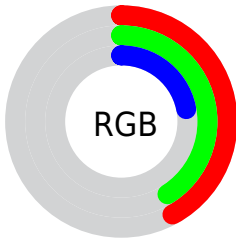
Format	Color
R_{YB}	60, 107, 57
Decimal	7039033
CIE Lab	43.24, -6.27, 26.79
CIE LCh	43, 27.518, 103.168
Yxy	13.3218, 0.3804, 0.4312
Android (android.graphics.Color)	4285229113 (0xFF6B6839)
YUV	99.5390, -20.9717, 6.5433
Hunter-Lab	36.4990, -6.3987, 16.0905

Details

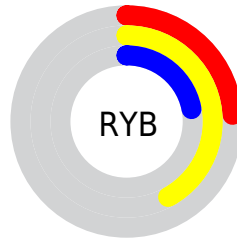
The XYZ color **11.7522, 13.3218, 5.8229** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.9570, 5.1630, 14.5924**, and the grayscale version is **12.0447, 12.6719, 13.7997**.

A 20% lighter version of the original color is **28.5692, 31.8335, 18.0033**, and **3.2744, 3.8523, 0.9188** is the 20% darker color. If you saturate the color by 10%, you get **11.4488, 13.0980, 4.5408**, and if you desaturate by 10%, it is **12.1131, 13.5703, 7.4021**.

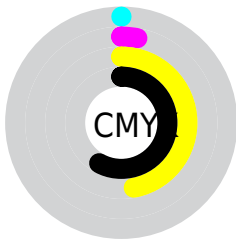
Distribution



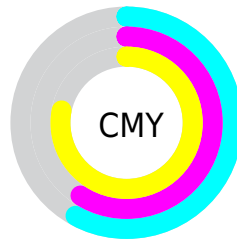
- Red (42%)
- Green (41%)
- Blue (22%)



- Red (24%)
- Yellow (42%)
- Blue (22%)



- Cyan (0%)
- Magenta (3%)
- Yellow (47%)
- Black (58%)



- Cyan (58%)
- Magenta (59%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7522, 13.3218, 5.8229 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 11.7522, 13.3218, 5.8229 by changing the saturation by 10% instead.

■ 11.7522, 13.3218,
5.8229

■ 11.7522, 13.3218,
5.8229

■ 196.5614,
212.9699, 166.7308

■ 6.6462, 7.6505,
2.6707

■ 28.6638, 31.8807,
18.0335

■ 3.2862, 3.8721,
0.9286

■ 41.2000, 45.5371,
27.9289

■ 1.3068, 1.6023,
0.0000

■ 56.9437, 62.6240,
40.9090

■ 0.1883, 0.3591,
0.0000

■ 76.2602, 83.5258,
57.3926

■ 0.0000, 0.0000,
0.0000

■ 99.5149, 108.6269,
77.7980

■ 127.0731,

138.3117, 102.5438

159.3001,
172.9646, 132.0486

■ 11.7522, 13.3218,
5.8229

■ 11.7522, 13.3218,
5.8229

■ 11.4488, 13.0980,
4.5408

■ 12.1131, 13.5703,
7.4021

■ 11.1982, 12.8957,
3.5363

■ 12.5337, 13.8430,
9.2948

■ 10.9969, 12.7138,
2.7886

■ 13.0173, 14.1417,
11.5171

■ 10.8403, 12.5506,
2.2738

■ 13.5668, 14.4676,
14.0838

■ 10.7165, 12.4013,
1.9294

■ 14.1848, 14.8216,
17.0087

■ 10.6770, 12.3530,
1.8216

■ 14.8738, 15.2049,
20.3049

■ 15.6361, 15.6182,
23.9850

■ 16.4740, 16.0627,
28.0607

■ 17.3897, 16.5390,
32.5435

Harmonies

Analogous

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



13.8846, 13.3218, 5.9291



11.7522, 13.3218, 5.8229



10.0630, 13.3218, 7.5250

Triad

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



11.7522, 13.3218, 5.8229



9.9050, 13.3218, 24.0942



16.9979, 13.3218, 18.1715

Complementary

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



11.7522, 13.3218, 5.8229



5.9570, 5.1630, 14.5924

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.



15.6739, 13.3218, 24.8453



11.7522, 13.3218, 5.8229



11.5133, 13.3218, 28.8678

Square

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



11.7522, 13.3218, 5.8229



9.0799, 13.3218, 17.3430



13.6175, 13.3218, 29.1759



17.0805, 13.3218, 11.9952

Rectangle

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



11.7522, 13.3218, 5.8229



9.3493, 13.3218, 9.8311



13.6175, 13.3218, 29.1759



16.6770, 13.3218, 20.4662

Sweetspot

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



11.7525, 13.3224, 5.8232



23.5282, 25.4547, 21.6388



8.3511, 6.3820, 5.1132



5.6567, 6.1382, 5.0600



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.



11.7525, 13.3224, 5.8232



20.4588, 23.4216, 7.9583



9.7729, 12.7577, 5.8185



3.3184, 3.5540, 3.3285



12.9815, 15.0128, 2.2136



65.9188, 76.0411, 11.2031

Inverse Universe

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



5.9570, 5.1630, 14.5924



8.6932, 6.8610, 25.7738



7.3139, 5.6360, 14.6122



2.9617, 3.0516, 3.8678



3.3049, 1.4440, 17.0268



16.6171, 6.9128, 86.6847

Previews

White Background



This preview shows how the XYZ color 11.7522, 13.3218, 5.8229 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 11.7522, 13.3218, 5.8229 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 11.7522, 13.3218, 5.8229

Background



This preview shows how black text looks on a background with the XYZ color 11.7522, 13.3218, 5.8229.



This preview shows how white text looks on a background with the XYZ color 11.7522, 13.3218,

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

11.7522, 13.3218, 5.8229

Protanopia

12.1473, 13.2330, 5.6554

Deuteranopia

13.3763, 13.1502, 5.9709



Tritanopia

13.6513, 13.2207, 15.4680

Trichromacy



Original Color

11.7522, 13.3218, 5.8229

Protanomaly

11.9945, 13.3010, 5.6766

Deuteranomaly

12.7921, 13.2714, 5.8904

Tritanomaly

12.7490, 13.1339, 11.0957

Monochromacy



Original Color

11.7522, 13.3218, 5.8229

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.8474, 12.8310, 10.2397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7522, 13.3218, 5.8229 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(107, 104, 57)` looks like.

```
.text, #text, p{  
    color:rgb(107, 104, 57)  
}
```

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(107, 104, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 104, 57) }
```

Border

The CSS property to change the border of an element to XYZ 11.7522, 13.3218, 5.8229 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(107, 104, 57) }
```


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

```
.border{ border-color:rgb(107, 104, 57) }
```

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

Here you see how a box with a 4 pixel rgb(107, 104, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 104, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 104, 57);  
box-shadow:4px 4px 4px 4px rgb(107, 104,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7522, 13.3218, 5.8229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 104, 57) }
```

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

```
.background{ background-color: rgb(107,  
104, 57) }
```

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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