

Converting Colors

XYZ(10.7034, 13.7127, 5.8241)

Have a look what the booklet for
XYZ(10.7034, 13.7127, 5.8241)
contains.

XYZ(10.7034, 13.7127, 5.8241)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.7034, 13.7127,
5.8241)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6E38
RGB	92, 110, 56
RGB Percent	36%, 43%, 22%
CMY	0.6392, 0.5686, 0.7804
CMYK	0.16, 0.00, 0.49, 0.57
HSL	80°, 33%, 33%
HSV	80°, 49%, 43%
XYZ	10.7034, 13.7127, 5.8241
YIQ	98.4620, 6.6060, -20.6100

Conversions

Conversions Part 2

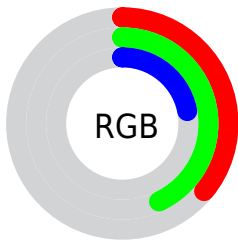
Format	Color
RYB	56, 110, 74
Decimal	6057528
CIELab	43.82, -16.38, 27.78
CIELCh	44, 32.250, 120.533
Yxy	13.7127, 0.3539, 0.4535
Android (android.graphics.Color)	4284247608 (0xFF5C6E38)
YUV	98.4620, -20.9338, -5.6672
Hunter-Lab	37.0307, -13.2097, 16.5965

Details

The XYZ color **10.7034, 13.7127, 5.8241** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.0532, 5.4104, 15.4252**, and the grayscale version is **11.7746, 12.3878, 13.4903**.

A 20% lighter version of the original color is **26.7467, 32.6798, 17.9948**, and **2.8161, 4.0026, 0.9113** is the 20% darker color. If you saturate the color by 10%, you get **10.1060, 13.4329, 4.5429**, and if you desaturate by 10%, it is **11.3784, 14.0265, 7.4182**.

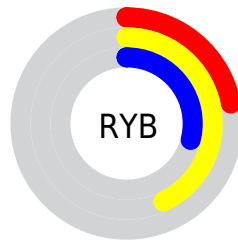
Distribution



Red (36%)

Green (43%)

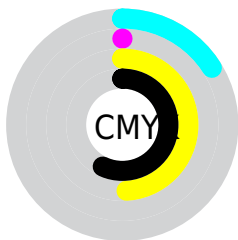
Blue (22%)



Red (22%)

Yellow (43%)

Blue (29%)

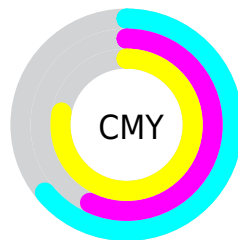


Cyan (16%)

Magenta (0%)

Yellow (49%)

Black (57%)



Cyan (64%)

Magenta (57%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7034, 13.7127, 5.8241 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 10.7034, 13.7127, 5.8241 by changing the saturation by 10% instead.

■ 10.7034, 13.7127,
5.8241

■ 10.7034, 13.7127,
5.8241

■ 189.5719,
215.4361, 166.7421

■ 5.9336, 7.9211,
2.6714

■ 26.7482, 32.5784,
18.0360

■ 2.8450, 4.0445,
0.9290

■ 38.7539, 46.4213,
27.9323

■ 1.0723, 1.6985,
0.0000

■ 53.9023, 63.7167,
40.9134

■ 0.0018, 0.4227,
0.0000

■ 72.5588, 84.8491,
57.3981

■ 0.0000, 0.0000,
0.0000

■ 95.0886, 110.2029,
77.8047

■ 121.8571,

140.1623, 102.5519

153.2298,
175.1120, 132.0582

■ 10.7034, 13.7127,
5.8241

■ 10.7034, 13.7127,
5.8241

■ 10.1060, 13.4329,
4.5429

■ 11.3784, 14.0265,
7.4182

■ 9.5810, 13.1836,
3.5532

■ 12.1337, 14.3741,
9.3431

■ 9.1241, 12.9636,
2.8320

■ 12.9732, 14.7574,
11.6165

■ 8.7300, 12.7706,
2.3527

■ 13.9003, 15.1779,
14.2543

■ 8.3800, 12.5972,
2.0186

■ 14.9180, 15.6368,
17.2718

■ 8.3490, 12.5819,
1.9885

■ 16.0292, 16.1353,
20.6830

■ 17.2367, 16.6745,
24.5017

■ 18.5431, 17.2556,
28.7405

■ 19.9511, 17.8795,
33.4117

Harmonies

Analogous

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



12.9881, 13.7127, 4.8478



10.7034, 13.7127, 5.8241



9.2223, 13.7127, 9.0462

Triad

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



10.7034, 13.7127, 5.8241



10.7727, 13.7127, 30.7468



18.5612, 13.7127, 14.8009

Complementary

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



10.7034, 13.7127, 5.8241



7.0532, 5.4104, 15.4252

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.



17.7721, 13.7127, 22.9351



10.7034, 13.7127, 5.8241



13.0791, 13.7127, 33.7728

Square

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



10.7034, 13.7127, 5.8241



9.2585, 13.7127, 23.2370



15.6794, 13.7127, 30.5363



17.7162, 13.7127, 8.8855

Rectangle

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



10.7034, 13.7127, 5.8241



8.7801, 13.7127, 12.7435



15.6794, 13.7127, 30.5363



18.4773, 13.7127, 17.3551

Sweetspot

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



10.7037, 13.7133, 5.8244



23.3651, 26.1805, 22.0334



9.5935, 8.4985, 4.8764



5.3792, 6.0660, 4.9638



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.



10.7037, 13.7133, 5.8244



17.6027, 23.5214, 7.6888



8.4702, 12.5619, 5.7199



3.5391, 3.8632, 3.6325



9.9979, 15.0978, 2.3872



48.8622, 74.7234, 11.8478

Inverse Universe

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



7.0532, 5.4104, 15.4252



10.3801, 7.0675, 26.7243



9.5960, 6.7212, 15.5442



3.3127, 3.3495, 4.2261



4.2544, 1.8026, 17.8453



20.3624, 8.5515, 88.8565

Previews

White Background



This preview shows how the XYZ color 10.7034, 13.7127, 5.8241 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 10.7034, 13.7127, 5.8241 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

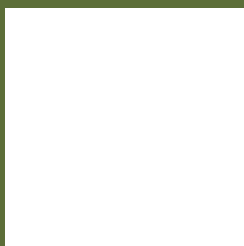
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.7034, 13.7127, 5.8241

Background



This preview shows how black text looks on a background with the XYZ color 10.7034, 13.7127, 5.8241.



This preview shows how white text looks on a background with the XYZ color 10.7034, 13.7127,

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

10.7034, 13.7127, 5.8241

Protanopia

12.4555, 13.5442, 5.4479

Deuteranopia

13.8554, 13.6751, 6.0470



Tritanopia

13.0205, 13.7231, 17.2918

Trichromacy



Original Color

10.7034, 13.7127, 5.8241

Protanomaly

11.7875, 13.6481, 5.6275

Deuteranomaly

12.5534, 13.5834, 5.9632

Tritanomaly

11.9097, 13.5676, 12.1163

Monochromacy



Original Color

10.7034, 13.7127, 5.8241

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.1366, 12.6141, 10.0314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7034, 13.7127, 5.8241 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, 110, 56) looks like.

```
.text, #text, p{  
    color:rgb(92, 110, 56)  
}
```

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, 110, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 110, 56) }
```

Border

The CSS property to change the border of an element to XYZ 10.7034, 13.7127, 5.8241 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, 110, 56) }
```


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

```
.border{ border-color:rgb(92, 110, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 110, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 110, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 110, 56);  
box-shadow:4px 4px 4px 4px rgb(92, 110,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7034, 13.7127, 5.8241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 110, 56) }
```

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

```
.background{ background-color: rgb(92, 110,  
56) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor