

Converting Colors

XYZ(11.5858, 13.6085, 13.8532)

Have a look what the booklet for
XYZ(11.5858, 13.6085, 13.8532)
contains.

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Color

**XYZ(11.6392, 13.7007,
13.8354)**

Conversions

Conversions Part 1

Format	Color
Hex	586C63
RGB	88, 108, 99
RGB Percent	35%, 42%, 39%
CMY	0.6549, 0.5765, 0.6118
CMYK	0.19, 0.00, 0.08, 0.58
HSL	153°, 10%, 38%
HSV	153°, 19%, 42%
XYZ	11.6392, 13.7007, 13.8354
YIQ	100.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

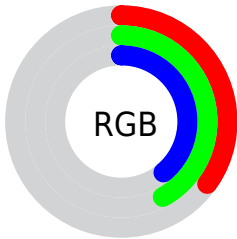
Format	Color
R_{YB}	88, 101, 108
Decimal	5794915
CIE _{Lab}	43.80, -9.47, 2.56
CIE _{LCh}	44, 9.807, 164.890
Yxy	13.7007, 0.2971, 0.3497
Android (android.graphics.Color)	4283984995 (0xFF586C63)
YUV	100.9940, -0.9830, -11.3957
Hunter-Lab	37.0145, -8.6460, 3.7485

Details

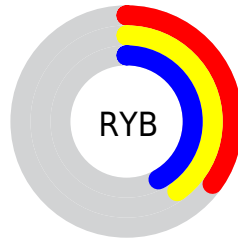
The XYZ color **11.6392, 13.7007, 13.8354** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8322, 11.0310, 12.8155**, and the grayscale version is **12.3725, 13.0169, 14.1754**.

A 20% lighter version of the original color is **28.3844, 32.4016, 33.6123**, and **3.2662, 4.0868, 3.9848** is the 20% darker color. If you saturate the color by 10%, you get **10.4663, 13.1225, 12.6039**, and if you desaturate by 10%, it is **12.9784, 14.3638, 15.1483**.

Distribution



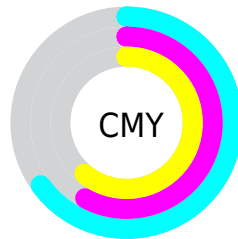
- Red (35%)
- Green (42%)
- Blue (39%)



- Red (35%)
- Yellow (40%)
- Blue (42%)



- Cyan (19%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6392, 13.7007, 13.8354 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 11.6392, 13.7007, 13.8354 by changing the saturation by 10% instead.

■ 11.6392, 13.7007,
13.8354

■ 11.6392, 13.7007,
13.8354

195.8209,
215.3608, 227.5971

■ 6.5689, 7.9128,
7.8688

■ 28.4588, 32.5570,
33.5096

■ 3.2379, 4.0392,
3.9246

■ 40.9390, 46.3942,
48.0543

■ 1.2808, 1.6955,
1.5841

■ 56.6197, 63.6833,
66.2955

■ 0.1688, 0.4208,
0.2794

■ 75.8665, 84.8087,
88.6516

■ 0.0000, 0.0000,
0.0000

■ 99.0447, 110.1547,
115.5414

126.5196,

140.1058, 147.3831

158.6565,
175.0464, 184.5956

■ 11.6392, 13.7007,
13.8354

■ 11.6392, 13.7007,
13.8354

■ 10.4663, 13.1225,
12.6039

■ 12.9784, 14.3638,
15.1483

■ 9.4516, 12.6238,
11.4513

■ 14.4891, 15.1133,
16.5432

■ 8.5881, 12.2016,
10.3762

■ 16.1779, 15.9529,
18.0219

■ 7.8679, 11.8517,
9.3770

■ 18.0506, 16.8857,
19.5859

■ 7.2822, 11.5696,
8.4518

■ 20.1128, 17.9143,
21.2366

■ 6.8211, 11.3503,
7.5987

■ 22.3696, 19.0416,
22.9754

■ 6.4735, 11.1881,
6.8157

■ 24.8262, 20.2701,
24.8036

■ 6.2015, 11.0634,
6.0996

■ 27.4875, 21.6024,
26.7225

■ 6.1625, 11.0455,
5.9989

■ 30.3582, 23.0407,
28.7334

Harmonies

Analogous

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



12.0010, 13.7007, 12.1006



11.6392, 13.7007, 13.8354



11.6378, 13.7007, 16.0386

Triad

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



11.6392, 13.7007, 13.8354



13.4078, 13.7007, 19.4213



14.1038, 13.7007, 12.1106

Complementary

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



11.6392, 13.7007, 13.8354



11.8322, 11.0310, 12.8155

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.



14.5120, 13.7007, 13.8504



11.6392, 13.7007, 13.8354



14.0995, 13.7007, 18.1413

Square

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



11.6392, 13.7007, 13.8354



12.6385, 13.7007, 19.4163



14.5104, 13.7007, 16.0551



13.4134, 13.7007, 11.1739

Rectangle

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



11.6392, 13.7007, 13.8354



11.8406, 13.7007, 17.4875



14.5104, 13.7007, 16.0551



14.2797, 13.7007, 12.6129

Sweetspot

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



11.6396, 13.7013, 13.8357



23.3815, 25.5123, 27.1574



12.0899, 13.9901, 11.2959



5.6316, 6.1613, 6.5472



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.



11.6396, 13.7013, 13.8357



19.5594, 23.6214, 23.3904



12.0243, 13.7431, 16.2070



3.1271, 3.4700, 3.6531



7.3363, 13.1686, 7.0819



36.9389, 66.9226, 33.7547

Inverse Universe

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



11.8322, 11.0310, 12.8155



19.9611, 18.0561, 21.2645



11.4909, 10.9825, 10.7469



3.1511, 3.1373, 3.5260



8.0143, 4.0578, 3.7039



40.4103, 20.5061, 16.6295

Previews

White Background



This preview shows how the XYZ color 11.6392, 13.7007, 13.8354 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 11.6392, 13.7007, 13.8354 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 11.6392, 13.7007, 13.8354

Background



This preview shows how black text looks on a background with the XYZ color 11.6392, 13.7007, 13.8354.



This preview shows how white text looks on a background with the XYZ color 11.6392, 13.7007,

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

11.6392, 13.7007, 13.8354

Protanopia

13.0250, 13.6708, 13.0186

Deuteranopia

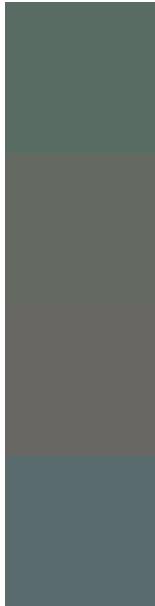
13.8456, 13.6313, 14.2133



Tritanopia

12.5057, 13.7471, 17.9139

Trichromacy



Original Color

11.6392, 13.7007, 13.8354

Protanomaly

12.4648, 13.6755, 13.2919

Deuteranomaly

12.9762, 13.6239, 14.0023

Tritanomaly

12.2345, 13.7932, 16.4855

Monochromacy



Original Color

11.6392, 13.7007, 13.8354

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.0744, 13.3075, 13.9888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6392, 13.7007, 13.8354 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(88, 108, 99) looks like.

```
.text, #text, p{  
    color:rgb(88, 108, 99)  
}
```

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(88, 108, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 108, 99) }
```

Border

The CSS property to change the border of an element to XYZ 11.6392, 13.7007, 13.8354 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(88, 108, 99) }
```


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

```
.border{ border-color:rgb(88, 108, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 108, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 108, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 108, 99);  
box-shadow:4px 4px 4px 4px rgb(88, 108,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6392, 13.7007, 13.8354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 108, 99) }
```

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

```
.background{ background-color: rgb(88, 108,  
99) }
```

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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