

Converting Colors

XYZ(11.5087, 13.7519, 5.3375)

Have a look what the booklet for
XYZ(11.5087, 13.7519, 5.3375)
contains.

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Color

**XYZ(11.5759, 13.8566,
5.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	676C34
RGB	103, 108, 52
RGB Percent	40%, 42%, 20%
CMY	0.5961, 0.5765, 0.7961
CMYK	0.05, 0.00, 0.52, 0.58
HSL	65°, 35%, 31%
HSV	65°, 52%, 42%
XYZ	11.5759, 13.8566, 5.3133
YIQ	100.1210, 14.9960, -18.4760

Conversions

Conversions Part 2

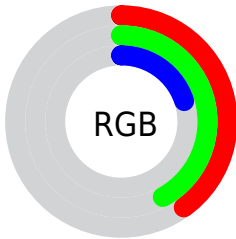
Format	Color
RYB	52, 108, 57
Decimal	6777908
CIELab	44.03, -10.89, 30.41
CIElCh	44, 32.301, 109.708
Yxy	13.8566, 0.3765, 0.4507
Android (android.graphics.Color)	4284967988 (0xFF676C34)
YUV	100.1210, -23.7237, 2.5249
Hunter-Lab	37.2245, -9.6336, 17.5943

Details

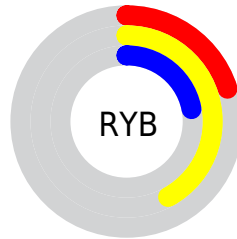
The XYZ color **11.5759, 13.8566, 5.3133** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.6226, 4.4089, 14.7428**, and the grayscale version is **12.2003, 12.8356, 13.9780**.

A 20% lighter version of the original color is **28.2160, 32.6849, 16.8783**, and **3.2175, 4.1327, 0.7717** is the 20% darker color. If you saturate the color by 10%, you get **11.2501, 13.7141, 4.1704**, and if you desaturate by 10%, it is **11.9594, 14.0233, 6.7501**.

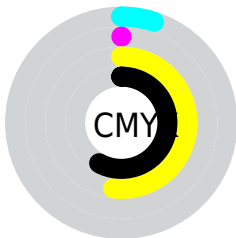
Distribution



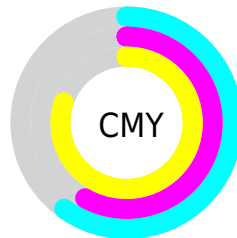
- Red (40%)
- Green (42%)
- Blue (20%)



- Red (20%)
- Yellow (42%)
- Blue (22%)



- Cyan (5%)
- Magenta (0%)
- Yellow (52%)
- Black (58%)



- Cyan (60%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5759, 13.8566, 5.3133 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 11.5759, 13.8566, 5.3133 by changing the saturation by 10% instead.

■ 11.5759, 13.8566,
5.3133

■ 11.5759, 13.8566,
5.3133

195.4049,
216.3369, 161.8631

■ 6.5257, 8.0210,
2.3703

■ 28.3439, 32.8344,
16.9404

■ 3.2110, 4.1084,
0.7702

■ 40.7925, 46.7453,
26.4615

■ 1.2663, 1.7344,
0.0000

■ 56.4379, 64.1169,
39.0125

■ 0.1578, 0.4458,
0.0000

■ 75.6454, 85.3333,
55.0118

■ 0.0000, 0.0000,
0.0000

■ 98.7806, 110.7792,
74.8779

■ 126.2086,

140.8388, 99.0295

158.2949,
175.8966, 127.8850

■ 11.5759, 13.8566,
5.3133

■ 11.5759, 13.8566,
5.3133

■ 11.2501, 13.7141,
4.1704

■ 11.9594, 14.0233,
6.7501

■ 10.9770, 13.5923,
3.3003

■ 12.4030, 14.2138,
8.4984

■ 10.7528, 13.4902,
2.6805

■ 12.9102, 14.4299,
10.5752

■ 10.5720, 13.4056,
2.2830

■ 13.4842, 14.6727,
12.9963

■ 10.4382, 13.3421,
2.0251

■ 14.1275, 14.9435,
15.7763

■ 14.8430, 15.2433,
18.9290

■ 15.6329, 15.5731,
22.4675

■ 16.4998, 15.9337,
26.4043

■ 17.4459, 16.3262,
30.7511

Harmonies

Analogous

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



14.0713, 13.8566, 5.0195



11.5759, 13.8566, 5.3133



9.7548, 13.8566, 7.6719

Triad

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



11.5759, 13.8566, 5.3133



10.2311, 13.8566, 28.6314



18.6440, 13.8566, 17.7546

Complementary

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



11.5759, 13.8566, 5.3133



5.6226, 4.4089, 14.7428

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.



17.3023, 13.8566, 26.1906



11.5759, 13.8566, 5.3133



12.3086, 13.8566, 33.6918

Square

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



11.5759, 13.8566, 5.3133



9.0510, 13.8566, 20.3704



14.9047, 13.8566, 32.6767



18.3810, 13.8566, 10.8074

Rectangle

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



11.5759, 13.8566, 5.3133



9.0644, 13.8566, 10.6996



14.9047, 13.8566, 32.6767



18.3596, 13.8566, 20.5359

Sweetspot

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



11.5762, 13.8572, 5.3136



23.1952, 25.5570, 20.7909



8.2513, 6.3298, 4.0359



5.5776, 6.1704, 4.8779



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.



11.5762, 13.8572, 5.3136



19.6553, 24.0335, 7.0068



8.9107, 12.4831, 5.1888



3.3078, 3.5705, 3.3323



12.4382, 15.9073, 2.4149



63.0018, 80.8607, 12.2871

Inverse Universe

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



5.6226, 4.4089, 14.7428



7.9671, 5.4681, 25.5432



7.6513, 5.4547, 14.8378



2.9712, 3.0369, 3.8645



3.3598, 1.3591, 17.0075



16.7789, 6.7495, 86.6446

Previews

White Background



This preview shows how the XYZ color 11.5759, 13.8566, 5.3133 looks on a white background.

Color Contrast Check

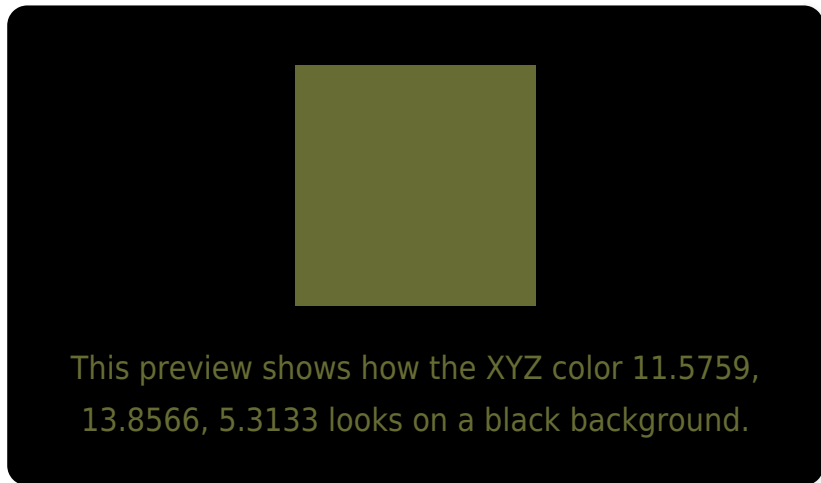
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

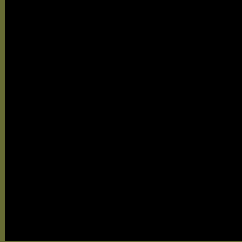
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5759, 13.8566, 5.3133

Background



This preview shows how black text looks on a background with the XYZ color 11.5759, 13.8566, 5.3133.



This preview shows how white text looks on a background with the XYZ color 11.5759, 13.8566,

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

11.5759, 13.8566, 5.3133

Protanopia

12.6181, 13.7845, 5.1276

Deuteranopia

14.0298, 13.7792, 5.4102



Tritanopia

13.8725, 13.8797, 16.6997

Trichromacy



Original Color

11.5759, 13.8566, 5.3133

Protanomaly

12.2047, 13.7217, 5.1373

Deuteranomaly

13.0017, 13.6817, 5.3237

Tritanomaly

12.8169, 13.7477, 11.4292

Monochromacy



Original Color

11.5759, 13.8566, 5.3133

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.7784, 13.0917, 10.0898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5759, 13.8566, 5.3133 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(103, 108, 52)` looks like.

```
.text, #text, p{  
    color:rgb(103, 108, 52)  
}
```

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(103, 108, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 108, 52) }
```

Border

The CSS property to change the border of an element to XYZ 11.5759, 13.8566, 5.3133 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(103, 108, 52) }
```


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

```
.border{ border-color:rgb(103, 108, 52) }
```

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

Here you see how a box with a 4 pixel rgb(103, 108, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 108, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 108, 52);  
box-shadow:4px 4px 4px 4px rgb(103, 108,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5759, 13.8566, 5.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 108, 52) }
```

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

```
.background{ background-color: rgb(103,  
108, 52) }
```

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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