

Converting Colors

XYZ(10.9757, 13.3451, 10.9502)

Have a look what the booklet for
XYZ(10.9757, 13.3451, 10.9502)
contains.

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Color

**XYZ(11.0133, 13.4395,
11.0304)**

Conversions

Conversions Part 1

Format	Color
Hex	576C57
RGB	87, 108, 87
RGB Percent	34%, 42%, 34%
CMY	0.6588, 0.5765, 0.6588
CMYK	0.19, 0.00, 0.19, 0.58
HSL	120°, 11%, 38%
HSV	120°, 19%, 42%
XYZ	11.0133, 13.4395, 11.0304
YIQ	99.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

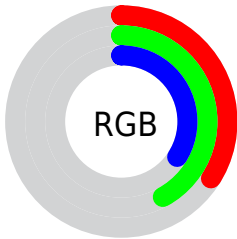
Format	Color
R_{YB}	87, 108, 108
Decimal	5729367
CIE Lab	43.42, -12.35, 9.21
CIE LCh	43, 15.409, 143.288
Yxy	13.4395, 0.3104, 0.3788
Android (android.graphics.Color)	4283919447 (0xFF576C57)
YUV	99.3270, -6.0772, -10.8108
Hunter-Lab	36.6599, -10.5303, 7.8225

Details

The XYZ color **11.0133, 13.4395, 11.0304** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2997, 11.0875, 15.6797**, and the grayscale version is **11.9584, 12.5812, 13.7009**.

A 20% lighter version of the original color is **27.2300, 31.9208, 28.3931**, and **3.0011, 3.9761, 2.7998** is the 20% darker color. If you saturate the color by 10%, you get **9.6707, 12.7950, 8.8341**, and if you desaturate by 10%, it is **12.5735, 14.1894, 13.5821**.

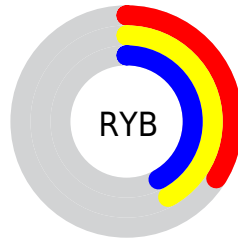
Distribution



Red (34%)

Green (42%)

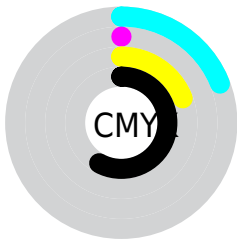
Blue (34%)



Red (34%)

Yellow (42%)

Blue (42%)

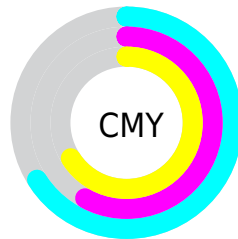


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (58%)



Cyan (66%)

Magenta (58%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0133, 13.4395, 11.0304 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 11.0133, 13.4395, 11.0304 by changing the saturation by 10% instead.

■ 11.0133, 13.4395,
11.0304

■ 11.0133, 13.4395,
11.0304

191.6652,
213.7155, 208.6209

■ 6.1431, 7.7319,
5.9729

■ 27.3175, 32.0911,
28.3539

■ 2.9738, 3.9239,
2.7601

■ 39.4822, 45.8039,
41.4569

■ 1.1399, 1.6311,
0.9735

■ 54.8092, 62.9539,
58.0788

■ 0.0581, 0.3784,
0.0000

■ 73.6638, 83.9255,
78.6382

■ 0.0000, 0.0000,
0.0000

■ 96.4113, 109.1031,
103.5535

123.4172,

138.8710, 133.2434

155.0467,
173.6136, 168.1264

■ 11.0133, 13.4395,
11.0304

■ 11.0133, 13.4395,
11.0304

■ 9.6707, 12.7950,
8.8341

■ 12.5735, 14.1894,
13.5821

■ 8.5352, 12.2495,
6.9767

■ 14.3593, 15.0472,
16.5031

■ 7.5966, 11.7987,
5.4415

■ 16.3796, 16.0176,
19.8075

■ 6.8438, 11.4371,
4.2102

■ 18.6424, 17.1045,
23.5086

■ 6.2645, 11.1588,
3.2626

■ 21.1553, 18.3116,
27.6189

■ 5.8449, 10.9572,
2.5762

■ 23.9258, 19.6424,
32.1503

■ 5.5689, 10.8247,
2.1248

■ 26.9608, 21.1003,
37.1145

■ 5.3736, 10.7309,
1.8053

■ 30.2671, 22.6885,
42.5224

■ 5.3629, 10.7257,
1.7877

■ 33.8512, 24.4101,
48.3847

Harmonies

Analogous

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



11.8838, 13.4395, 9.3677



11.0133, 13.4395, 11.0304



10.6182, 13.4395, 13.8751

Triad

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



11.0133, 13.4395, 11.0304



12.5063, 13.4395, 22.2194



15.0107, 13.4395, 12.1750

Complementary

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



11.0133, 13.4395, 11.0304



12.2997, 11.0875, 15.6797

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.



15.2031, 13.4395, 15.4187



11.0133, 13.4395, 11.0304



13.7072, 13.4395, 21.5748

Square

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



11.0133, 13.4395, 11.0304



11.4446, 13.4395, 20.5905



14.7127, 13.4395, 18.9461



14.2023, 13.4395, 9.9527

Rectangle

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



11.0133, 13.4395, 11.0304



10.6588, 13.4395, 16.2041



14.7127, 13.4395, 18.9461



15.1516, 13.4395, 13.1675

Sweetspot

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



11.0137, 13.4401, 11.0307



23.0582, 25.3830, 25.4549



13.2678, 14.6021, 11.1360



5.5480, 6.1279, 6.1070



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.



11.0137, 13.4401, 11.0307



18.3045, 23.0996, 17.6795



11.4745, 13.6244, 13.4572



3.0640, 3.4448, 3.3209



6.3963, 12.7926, 2.1322



32.5920, 65.1839, 10.8642

Inverse Universe

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



12.2997, 11.0875, 15.6797



20.9712, 18.2215, 27.3191



11.7740, 10.8772, 12.9112



3.2176, 3.1639, 3.8760



10.6048, 5.0940, 17.3452



54.0360, 25.9563, 88.3812

Previews

White Background



This preview shows how the XYZ color 11.0133, 13.4395, 11.0304 looks on a white background.

Color Contrast Check

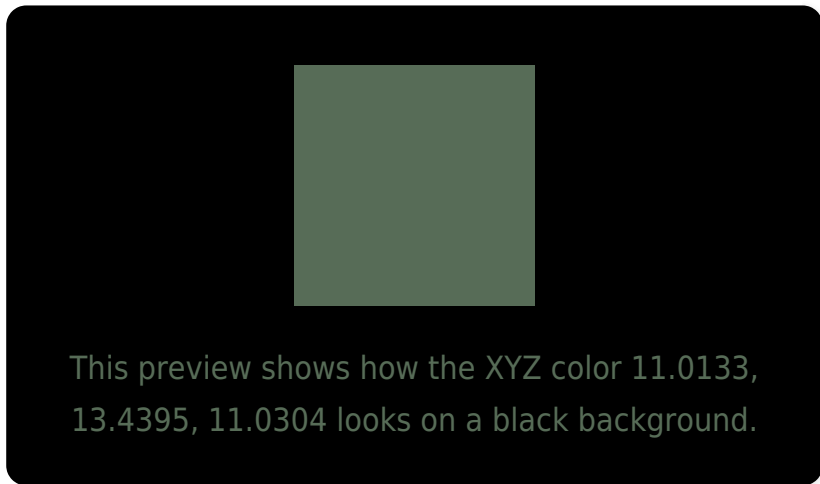
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0133, 13.4395, 11.0304

Background



This preview shows how black text looks on a background with the XYZ color 11.0133, 13.4395, 11.0304.

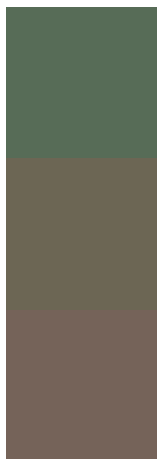


This preview shows how white text looks on a background with the XYZ color 11.0133, 13.4395,

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

11.0133, 13.4395, 11.0304

Protanopia

12.5359, 13.3310, 10.2999

Deuteranopia

13.6011, 13.4269, 11.3260



Tritanopia

12.2453, 13.3170, 17.5478

Trichromacy



Original Color

11.0133, 13.4395, 11.0304

Protanomaly

11.8455, 13.2658, 10.5306

Deuteranomaly

12.4567, 13.2715, 11.1376

Tritanomaly

11.7667, 13.2763, 15.0391

Monochromacy



Original Color

11.0133, 13.4395, 11.0304

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.5362, 12.7619, 12.6817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0133, 13.4395, 11.0304 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(87, 108, 87)` looks like.

```
.text, #text, p{  
    color:rgb(87, 108, 87)  
}
```

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(87, 108, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 108, 87) }
```

Border

The CSS property to change the border of an element to XYZ 11.0133, 13.4395, 11.0304 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(87, 108, 87) }
```


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

```
.border{ border-color:rgb(87, 108, 87) }
```

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

Here you see how a box with a 4 pixel rgb(87, 108, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 108, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 108, 87);  
box-shadow:4px 4px 4px 4px rgb(87, 108,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0133, 13.4395, 11.0304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 108, 87) }
```

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

```
.background{ background-color: rgb(87, 108,  
87) }
```

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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