

Converting Colors

XYZ(11.8156, 13.4165, 10.6534)

Have a look what the booklet for
XYZ(11.8156, 13.4165, 10.6534)
contains.

XYZ(11.8369, 13.4117, 10.5592)	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(11.8369, 13.4117,
10.5592)**

Conversions

Conversions Part 1

Format	Color
Hex	636955
RGB	99, 105, 85
RGB Percent	39%, 41%, 33%
CMY	0.6118, 0.5882, 0.6667
CMYK	0.06, 0.00, 0.19, 0.59
HSL	78°, 11%, 37%
HSV	78°, 19%, 41%
XYZ	11.8369, 13.4117, 10.5592
YIQ	100.9260, 2.8440, -7.4920

Conversions

Conversions Part 2

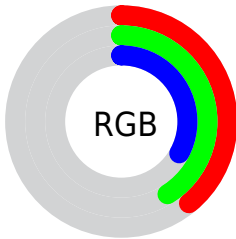
Format	Color
R_{YB}	85, 105, 91
Decimal	6515029
CIE Lab	43.38, -6.24, 10.49
CIE LCh	43, 12.206, 120.772
Yxy	13.4117, 0.3306, 0.3745
Android (android.graphics.Color)	4284705109 (0xFF636955)
YUV	100.9260, -7.8515, -1.6891
Hunter-Lab	36.6220, -6.3940, 8.5403

Details

The XYZ color **11.8369, 13.4117, 10.5592** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.1132, 9.7414, 14.7126**, and the grayscale version is **12.3700, 13.0142, 14.1724**.

A 20% lighter version of the original color is **28.8393, 32.0102, 27.5803**, and **3.3122, 3.9094, 2.5875** is the 20% darker color. If you saturate the color by 10%, you get **11.1129, 13.0836, 8.5070**, and if you desaturate by 10%, it is **12.6370, 13.7727, 12.9387**.

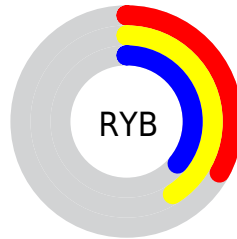
Distribution



Red (39%)

Green (41%)

Blue (33%)



Red (33%)

Yellow (41%)

Blue (36%)

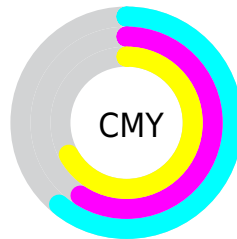


Cyan (6%)

Magenta (0%)

Yellow (19%)

Black (59%)



Cyan (61%)

Magenta (59%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8369, 13.4117, 10.5592 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 11.8369, 13.4117, 10.5592 by changing the saturation by 10% instead.

■ 11.8369, 13.4117,
10.5592

■ 11.8369, 13.4117,
10.5592

197.1146,
213.5396, 205.2456

■ 6.7041, 7.7127,
5.6608

■ 28.8171, 32.0415,
27.4662

■ 3.3224, 3.9116,
2.5745

■ 41.3953, 45.7410,
40.3119

■ 1.3265, 1.6243,
0.8793

■ 57.1860, 62.8761,
56.6439

■ 0.2029, 0.3739,
0.0000

■ 76.5546, 83.8312,
76.8806

■ 0.0000, 0.0000,
0.0000

■ 99.8663, 108.9907,
101.4405

127.4867,

138.7390, 130.7423

159.7810,
173.4605, 165.2045

■ 11.8369, 13.4117,
10.5592

■ 11.8369, 13.4117,
10.5592

■ 11.1129, 13.0836,
8.5070

■ 12.6370, 13.7727,
12.9387

■ 10.4611, 12.7854,
6.7670

■ 13.5147, 14.1659,
15.6581

■ 9.8787, 12.5164,
5.3241

■ 14.4731, 14.5930,
18.7304

■ 9.3623, 12.2755,
4.1615

■ 15.5146, 15.0549,
22.1676

■ 8.9085, 12.0610,
3.2608

■ 16.6414, 15.5526,
25.9812

■ 8.5130, 11.8713,
2.6017

■ 17.8558, 16.0869,
30.1821

■ 8.1713, 11.7045,
2.1605

■ 19.1599, 16.6587,
34.7808

■ 7.8655, 11.5536,
1.8442

■ 20.5558, 17.2690,
39.7875

■ 7.8371, 11.5395,
1.8143

■ 22.0454, 17.9184,
45.2120

Harmonies

Analogous

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



12.7229, 13.4117, 9.9782



11.8369, 13.4117, 10.5592



11.2211, 13.4117, 12.1982

Triad

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



11.8369, 13.4117, 10.5592



11.8774, 13.4117, 19.6521



14.6594, 13.4117, 14.5328

Complementary

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



11.8369, 13.4117, 10.5592



10.1132, 9.7414, 14.7126

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.



14.4062, 13.4117, 17.3049



11.8369, 13.4117, 10.5592



12.7720, 13.4117, 20.4733

Square

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



11.8369, 13.4117, 10.5592



11.2437, 13.4117, 17.4417



13.7035, 13.4117, 19.5664



14.3796, 13.4117, 12.0904

Rectangle

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



11.8369, 13.4117, 10.5592



11.0306, 13.4117, 13.7813



13.7035, 13.4117, 19.5664



14.6337, 13.4117, 15.4568

Sweetspot

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



11.8373, 13.4123, 10.5595



23.0644, 24.8569, 24.5041



11.2070, 11.1418, 10.1545



5.3877, 5.8159, 5.6937



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.8373, 13.4123, 10.5595



20.5802, 23.7366, 17.1405



10.8115, 12.8835, 10.5115



3.2491, 3.5402, 3.3295



9.8848, 14.5910, 2.2954



49.4611, 73.8802, 11.6534

Inverse Universe

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



10.1132, 9.7414, 14.7126



16.8633, 15.8214, 26.0961



11.1656, 10.2840, 14.7618



3.0259, 3.0651, 3.8670



3.9285, 1.6522, 17.0341



19.2334, 8.0148, 86.7595

Previews

White Background



This preview shows how the XYZ color 11.8369, 13.4117, 10.5592 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 11.8369, 13.4117, 10.5592 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

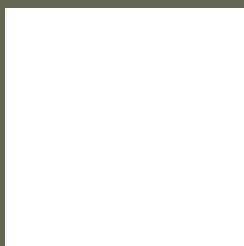
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.8369, 13.4117, 10.5592

Background



This preview shows how black text looks on a background with the XYZ color 11.8369, 13.4117, 10.5592.

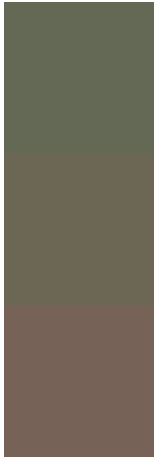


This preview shows how white text looks on a background with the XYZ color 11.8369, 13.4117,

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

11.8369, 13.4117, 10.5592

Protanopia

12.5359, 13.3310, 10.2999

Deuteranopia

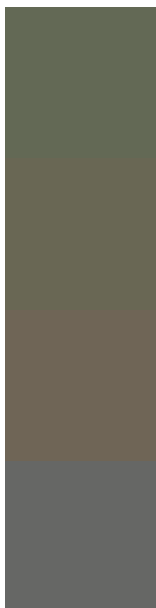
13.5186, 13.2588, 10.6508



Tritanopia

13.1594, 13.5121, 16.6664

Trichromacy



Original Color

11.8369, 13.4117, 10.5592

Protanomaly

12.2762, 13.3438, 10.3161

Deuteranomaly

12.8889, 13.3588, 10.7033

Tritanomaly

12.6787, 13.4649, 14.2427

Monochromacy



Original Color

11.8369, 13.4117, 10.5592

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.0725, 13.0383, 12.7068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8369, 13.4117, 10.5592 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(99, 105, 85) looks like.

```
.text, #text, p{  
    color:rgb(99, 105, 85)  
}
```

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(99, 105, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 105, 85) }
```

Border

The CSS property to change the border of an element to XYZ 11.8369, 13.4117, 10.5592 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(99, 105, 85) }
```


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

```
.border{ border-color:rgb(99, 105, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 105, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 105, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 105, 85);  
box-shadow:4px 4px 4px 4px rgb(99, 105,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8369, 13.4117, 10.5592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 105, 85) }
```

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

```
.background{ background-color: rgb(99, 105,  
85) }
```

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