

Converting Colors

XYZ(11.3780, 13.8743, 11.7318)

Have a look what the booklet for
XYZ(11.3780, 13.8743, 11.7318)
contains.

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Color

**XYZ(11.4459, 13.9648,
11.7651)**

Conversions

Conversions Part 1

Format	Color
Hex	586E5A
RGB	88, 110, 90
RGB Percent	35%, 43%, 35%
CMY	0.6549, 0.5686, 0.6471
CMYK	0.20, 0.00, 0.18, 0.57
HSL	125°, 11%, 39%
HSV	125°, 20%, 43%
XYZ	11.4459, 13.9648, 11.7651
YIQ	101.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

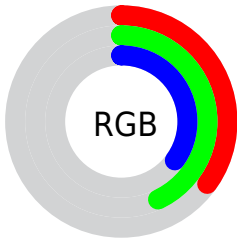
Format	Color
R_{YB}	88, 108, 110
Decimal	5795418
CIE _{Lab}	44.18, -12.50, 8.50
CIE _{LCh}	44, 15.115, 145.765
Yxy	13.9648, 0.3079, 0.3756
Android (android.graphics.Color)	4283985498 (0xFF586E5A)
YUV	101.1420, -5.4930, -11.5255
Hunter-Lab	37.3695, -10.7239, 7.4923

Details

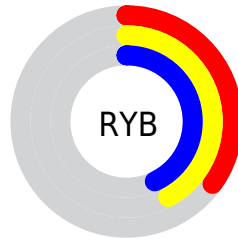
The XYZ color **11.4459, 13.9648, 11.7651** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6274, 11.3774, 15.7185**, and the grayscale version is **12.4216, 13.0685, 14.2316**.

A 20% lighter version of the original color is **28.1352, 33.1374, 29.7242**, and **3.1321, 4.1193, 3.0129** is the 20% darker color. If you saturate the color by 10%, you get **10.0848, 13.3095, 9.6271**, and if you desaturate by 10%, it is **13.0222, 14.7253, 14.2128**.

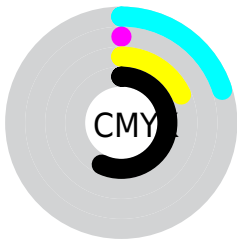
Distribution



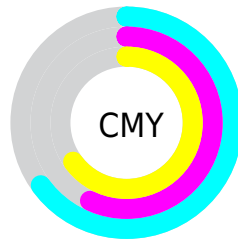
- Red (35%)
- Green (43%)
- Blue (35%)



- Red (35%)
- Yellow (42%)
- Blue (43%)



- Cyan (20%)
- Magenta (0%)
- Yellow (18%)
- Black (57%)



- Cyan (65%)
- Magenta (57%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4459, 13.9648, 11.7651 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 11.4459, 13.9648, 11.7651 by changing the saturation by 10% instead.

■ 11.4459, 13.9648,
11.7651

■ 11.4459, 13.9648,
11.7651

194.5474,
217.0117, 213.7664

■ 6.4371, 8.0962,
6.4633

■ 28.1075, 33.0266,
29.7245

■ 3.1558, 4.1566,
3.0555

■ 40.4910, 46.9885,
43.2193

■ 1.2367, 1.7615,
1.1230

■ 56.0635, 64.4170,
60.2821

■ 0.1350, 0.4630,
0.0000

■ 75.1903, 85.6964,
81.3316

■ 0.0000, 0.0000,
0.0000

■ 98.2367, 111.2113,
106.7862

125.5681,

141.3458, 137.0645

157.5499,
176.4845, 172.5850

■ 11.4459, 13.9648,
11.7651

■ 11.4459, 13.9648,
11.7651

■ 10.0848, 13.3095,
9.6271

■ 13.0222, 14.7253,
14.2128

■ 8.9285, 12.7529,
7.7855

■ 14.8213, 15.5933,
16.9808

■ 7.9674, 12.2909,
6.2276

■ 16.8518, 16.5736,
20.0805

■ 7.1907, 11.9182,
4.9392

■ 19.1215, 17.6699,
23.5223

■ 6.5864, 11.6290,
3.9051

■ 21.6379, 18.8857,
27.3162

■ 6.1414, 11.4168,
3.1083

■ 24.4082, 20.2247,
31.4719

■ 5.8405, 11.2741,
2.5302

■ 27.4390, 21.6901,
35.9986

■ 5.6310, 11.1744,
2.1473

■ 30.7371, 23.2852,
40.9052

■ 34.3088, 25.0130,
46.2003

Harmonies

Analogous

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



12.2899, 13.9648, 9.9719



11.4459, 13.9648, 11.7651



11.0912, 13.9648, 14.7199

Triad

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



11.4459, 13.9648, 11.7651



13.1025, 13.9648, 22.8410



15.4741, 13.9648, 12.4960

Complementary

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



11.4459, 13.9648, 11.7651



12.6274, 11.3774, 15.7185

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.



15.7240, 13.9648, 15.7012



11.4459, 13.9648, 11.7651



14.3074, 13.9648, 22.0087

Square

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



11.4459, 13.9648, 11.7651



12.0102, 13.9648, 21.3868



15.2851, 13.9648, 19.2582



14.6216, 13.9648, 10.3469

Rectangle

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



11.4459, 13.9648, 11.7651



11.1631, 13.9648, 17.0830



15.2851, 13.9648, 19.2582



15.6335, 13.9648, 13.4705

Sweetspot

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



11.4463, 13.9654, 11.7654



24.0350, 26.4219, 26.7589



13.5426, 15.0558, 11.4249



5.5615, 6.1333, 6.1784



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.



11.4463, 13.9654, 11.7654



18.9461, 23.9682, 18.8534



11.9417, 14.1635, 14.3740



3.3563, 3.7677, 3.6823



6.7583, 13.4208, 2.5478



33.5175, 66.7956, 11.9105

Inverse Universe

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



12.6274, 11.3774, 15.7185



21.4218, 18.5428, 27.1388



12.0860, 11.1609, 12.8676



3.5020, 3.4485, 4.1701



10.4827, 5.0854, 14.8835



52.0525, 25.2663, 73.2660

Previews

White Background



This preview shows how the XYZ color 11.4459, 13.9648, 11.7651 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 11.4459, 13.9648, 11.7651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

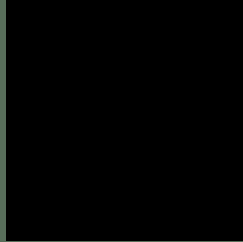
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4459, 13.9648, 11.7651

Background



This preview shows how black text looks on a background with the XYZ color 11.4459, 13.9648, 11.7651.



This preview shows how white text looks on a background with the XYZ color 11.4459, 13.9648,

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

11.4459, 13.9648, 11.7651

Protanopia

13.1010, 13.9037, 11.0100

Deuteranopia

14.0967, 13.8090, 12.0476



Tritanopia

12.7658, 14.0285, 18.2546

Trichromacy



Original Color

11.4459, 13.9648, 11.7651

Protanomaly

12.3950, 13.8374, 11.2501

Deuteranomaly

13.0230, 13.8441, 11.8833

Tritanomaly

12.2785, 13.9899, 15.6888

Monochromacy



Original Color

11.4459, 13.9648, 11.7651

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.9319, 13.2505, 13.2380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4459, 13.9648, 11.7651 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, 110, 90) looks like.

```
.text, #text, p{  
    color:rgb(88, 110, 90)  
}
```

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, 110, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 110, 90) }
```

Border

The CSS property to change the border of an element to XYZ 11.4459, 13.9648, 11.7651 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, 110, 90) }
```


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

```
.border{ border-color:rgb(88, 110, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 110, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 110, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 110, 90);  
box-shadow:4px 4px 4px 4px rgb(88, 110,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4459, 13.9648, 11.7651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 110, 90) }
```

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

```
.background{ background-color: rgb(88, 110,  
90) }
```

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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