

Converting Colors

XYZ(11.3362, 13.8579, 11.5092)

Have a look what the booklet for
XYZ(11.3362, 13.8579, 11.5092)
contains.

XYZ(11.4036, 13.9478, 11.5424)	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(11.4036, 13.9478,
11.5424)**

Conversions

Conversions Part 1

Format	Color
Hex	586E59
RGB	88, 110, 89
RGB Percent	35%, 43%, 35%
CMY	0.6549, 0.5686, 0.6510
CMYK	0.20, 0.00, 0.19, 0.57
HSL	123°, 11%, 39%
HSV	123°, 20%, 43%
XYZ	11.4036, 13.9478, 11.5424
YIQ	101.0280, -6.3710, -11.1950

Conversions

Conversions Part 2

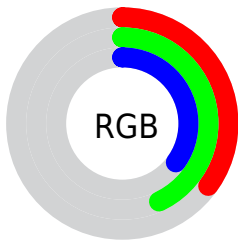
Format	Color
R_{YB}	88, 109, 110
Decimal	5795417
CIE _{Lab}	44.16, -12.70, 9.07
CIE _{LCh}	44, 15.600, 144.468
Yxy	13.9478, 0.3091, 0.3781
Android (android.graphics.Color)	4283985497 (0xFF586E59)
YUV	101.0280, -5.9298, -11.4256
Hunter-Lab	37.3468, -10.8529, 7.8185

Details


The XYZ color **11.4036, 13.9478, 11.5424** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.6809, 11.3989, 16.0004**, and the grayscale version is **12.3932, 13.0386, 14.1990**.

A 20% lighter version of the original color is **28.0618, 33.1080, 29.3376**, and **3.1135, 4.1119, 2.9151** is the 20% darker color. If you saturate the color by 10%, you get **10.0300, 13.2874, 9.3384**, and if you desaturate by 10%, it is **12.9981, 14.7155, 14.0857**.

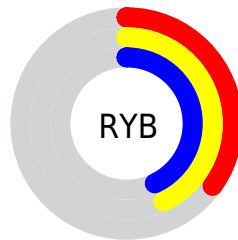
Distribution



 Red (35%)

 Green (43%)

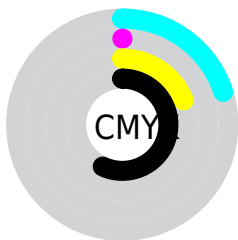
 Blue (35%)




 Red (35%)

 Yellow (43%)

 Blue (43%)

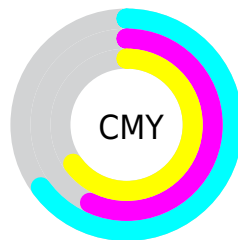


 Cyan (20%)


 Magenta (0%)

 Yellow (19%)

 Black (57%)



 Cyan (65%)

 Magenta (57%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4036, 13.9478, 11.5424 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 11.4036, 13.9478, 11.5424 by changing the saturation by 10% instead.

■ 11.4036, 13.9478,
11.5424

■ 11.4036, 13.9478,
11.5424

194.2676,
216.9058, 212.2211

■ 6.4083, 8.0844,
6.3142

■ 28.0305, 32.9964,
29.3107

■ 3.1379, 4.1490,
2.9652

■ 40.3928, 46.9503,
42.6879

■ 1.2271, 1.7572,
1.0769

■ 55.9414, 64.3699,
59.6185

■ 0.1276, 0.4603,
0.0000

■ 75.0418, 85.6395,
80.5210

■ 0.0000, 0.0000,
0.0000

■ 98.0592, 111.1434,
105.8139

125.3591,

141.2662, 135.9159

157.3068,
176.3922, 171.2455

■ 11.4036, 13.9478,
11.5424

■ 11.4036, 13.9478,
11.5424

■ 10.0300, 13.2874,
9.3384

■ 12.9981, 14.7155,
14.0857

■ 8.8664, 12.7280,
7.4585

■ 14.8213, 15.5933,
16.9808

■ 7.9028, 12.2650,
5.8876

■ 16.8822, 16.5857,
20.2408

■ 7.1280, 11.8931,
4.6093

■ 19.1890, 17.6968,
23.8777

■ 6.5295, 11.6061,
3.6055

■ 21.7493, 18.9302,
27.9029

■ 6.0935, 11.3975,
2.8561

■ 24.5706, 20.2896,
32.3277

■ 5.8040, 11.2594,
2.3383

■ 27.6600, 21.7785,
37.1624

■ 5.6036, 11.1633,
2.0030

■ 31.0242, 23.4000,
42.4174

■ 34.6699, 25.1573,
48.1025

Harmonies

Analogous

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



12.2904, 13.9478, 9.7646



11.4036, 13.9478, 11.5424



11.0152, 13.9478, 14.5357

Triad

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



11.4036, 13.9478, 11.5424



13.0277, 13.9478, 23.0793



15.5562, 13.9478, 12.5217

Complementary

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



11.4036, 13.9478, 11.5424



12.6809, 11.3989, 16.0004

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.



15.7840, 13.9478, 15.8570



11.4036, 13.9478, 11.5424



14.2729, 13.9478, 22.3166

Square

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



11.4036, 13.9478, 11.5424



11.9145, 13.9478, 21.4736



15.3010, 13.9478, 19.5273



14.6967, 13.9478, 10.2650

Rectangle

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



11.4036, 13.9478, 11.5424



11.0725, 13.9478, 16.9639



15.3010, 13.9478, 19.5273



15.7113, 13.9478, 13.5383

Sweetspot

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



11.4040, 13.9484, 11.5427



24.0076, 26.4110, 26.6147



13.6775, 15.1252, 11.4313



5.5547, 6.1306, 6.1426



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.



11.4040, 13.9484, 11.5427



18.8604, 23.9339, 18.4022



11.8882, 14.1421, 14.0926



3.3506, 3.7655, 3.6528



6.7283, 13.4088, 2.3900



33.4297, 66.7605, 11.4483

Inverse Universe

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



12.6809, 11.3989, 16.0004



21.5372, 18.5889, 27.7466



12.1378, 11.1816, 13.1403



3.5082, 3.4510, 4.2027



10.7850, 5.2064, 16.4758



53.6366, 25.9000, 81.6075

Previews

White Background



This preview shows how the XYZ color 11.4036, 13.9478, 11.5424 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 11.4036, 13.9478, 11.5424 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 11.4036, 13.9478, 11.5424

Background



This preview shows how black text looks on a background with the XYZ color 11.4036, 13.9478, 11.5424.

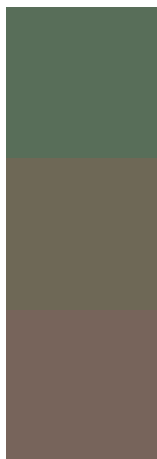


This preview shows how white text looks on a background with the XYZ color 11.4036, 13.9478,

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

11.4036, 13.9478, 11.5424

Protanopia

13.0604, 13.8875, 10.7963

Deuteranopia

14.0532, 13.7916, 11.8189



Tritanopia

12.6622, 13.8212, 18.2200

Trichromacy



Original Color

11.4036, 13.9478, 11.5424

Protanomaly

12.3538, 13.8210, 11.0334

Deuteranomaly

12.9801, 13.8270, 11.6576

Tritanomaly

12.1736, 13.7801, 15.6539

Monochromacy



Original Color

11.4036, 13.9478, 11.5424

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 11.4036, 13.9478, 11.5424 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, 89) looks like.

```
.text, #text, p{  
    color:rgb(88, 110, 89)  
}
```

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, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 110, 89) }
```

Border

The CSS property to change the border of an element to XYZ 11.4036, 13.9478, 11.5424 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, 89) }
```


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

```
.border{ border-color:rgb(88, 110, 89) }
```

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, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 110, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 110, 89);  
box-shadow:4px 4px 4px 4px rgb(88, 110,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4036, 13.9478, 11.5424 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, 89) }
```

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

```
.background{ background-color: rgb(88, 110,  
89) }
```

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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