

Converting Colors

XYZ(11.6911, 14.8678, 14.0580)

Have a look what the booklet for
XYZ(11.6911, 14.8678, 14.0580)
contains.

XYZ(11.6911, 14.8678, 14.0580)	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(11.6911, 14.8678,
14.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	507363
RGB	80, 115, 99
RGB Percent	31%, 45%, 39%
CMY	0.6863, 0.5490, 0.6118
CMYK	0.30, 0.00, 0.14, 0.55
HSL	153°, 18%, 38%
HSV	153°, 30%, 45%
XYZ	11.6911, 14.8678, 14.0580
YIQ	102.7110, -15.7240, -12.3960

Conversions

Conversions Part 2

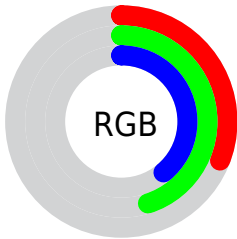
Format	Color
RYB	80, 103, 115
Decimal	5272419
CIELab	45.45, -16.22, 4.87
CIELCh	45, 16.935, 163.294
Yxy	14.8678, 0.2878, 0.3660
Android (android.graphics.Color)	4283462499 (0xFF507363)
YUV	102.7110, -1.8295, -19.9175
Hunter-Lab	38.5588, -13.3563, 5.3748

Details

The XYZ color **11.6911, 14.8678, 14.0580** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.0507, 10.2270, 12.4057**, and the grayscale version is **12.8238, 13.4916, 14.6924**.

A 20% lighter version of the original color is **28.5297, 34.5853, 34.0261**, and **3.2770, 4.5947, 4.0823** is the 20% darker color. If you saturate the color by 10%, you get **10.5589, 14.3126, 12.7356**, and if you desaturate by 10%, it is **13.0068, 15.5165, 15.4751**.

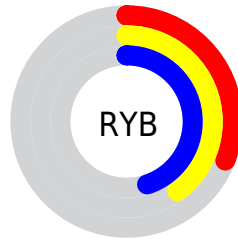
Distribution



Red (31%)

Green (45%)

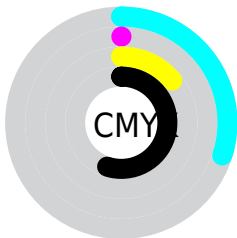
Blue (39%)



Red (31%)

Yellow (40%)

Blue (45%)

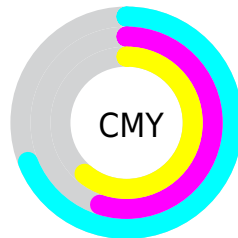


Cyan (30%)

Magenta (0%)

Yellow (14%)

Black (55%)



Cyan (69%)

Magenta (55%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6911, 14.8678, 14.0580 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 11.6911, 14.8678, 14.0580 by changing the saturation by 10% instead.

■ 11.6911, 14.8678,
14.0580

■ 11.6911, 14.8678,
14.0580

196.1614,
222.5647, 229.0323

■ 6.6044, 8.7267,
8.0218

■ 28.5530, 34.6211,
33.9105

■ 3.2601, 4.5633,
4.0209

■ 41.0589, 49.0020,
48.5639

■ 1.2927, 1.9934,
1.6368

■ 56.7686, 66.8984,
66.9268

■ 0.1778, 0.6036,
0.3169

■ 76.0475, 88.6945,
89.4177

■ 0.0000, 0.0000,
0.0000

■ 99.2608, 114.7748,
116.4552

126.7740,

145.5236, 148.4577

158.9524,
181.3255, 185.8439

■ 11.6911, 14.8678,
14.0580

■ 11.6911, 14.8678,
14.0580

■ 10.5589, 14.3126,
12.7356

■ 13.0068, 15.5165,
15.4751

■ 9.6000, 13.8446,
11.5048

■ 14.5128, 16.2609,
16.9878

■ 8.8055, 13.4594,
10.3638


■ 16.2173, 17.1058,
18.5984


■ 8.1648, 13.1518,
9.3106


■ 18.1275, 18.0546,
20.3086


■ 7.6661, 12.9156,
8.3426


■ 20.2501, 19.1110,
22.1202


 7.2959, 12.7439,
7.4576

 22.5918, 20.2782,
24.0350

 7.0123, 12.6146,
6.6846

 25.1588, 21.5595,
26.0546

 27.9571, 22.9579,
28.1807

 30.9923, 24.4763,
30.4149

Harmonies

Analogous

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



12.3531, 14.8678, 11.1704



11.6911, 14.8678, 14.0580



11.6543, 14.8678, 18.0398

Triad

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



11.6911, 14.8678, 14.0580



14.7638, 14.8678, 24.9790



16.1974, 14.8678, 11.4276

Complementary

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



11.6911, 14.8678, 14.0580



12.0507, 10.2270, 12.4057

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.



16.9367, 14.8678, 14.4684



11.6911, 14.8678, 14.0580



16.0727, 14.8678, 22.5212

Square

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



11.6911, 14.8678, 14.0580



13.3665, 14.8678, 24.8196



16.8896, 14.8678, 18.5241



14.9250, 14.8678, 9.8338

Rectangle

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



11.6911, 14.8678, 14.0580



11.9847, 14.8678, 20.8343



16.8896, 14.8678, 18.5241



16.5202, 14.8678, 12.2904

Sweetspot

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



11.6915, 14.8684, 14.0583



26.3339, 29.2889, 30.7552



12.4382, 15.3462, 9.8961



6.2000, 6.9465, 7.2572



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.6915, 14.8684, 14.0583



19.3769, 25.8586, 23.3725



12.4018, 14.9410, 18.4507



3.7160, 4.1284, 4.3384



8.0053, 14.4161, 7.5838



38.5741, 70.0769, 34.6579

Inverse Universe

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



12.0507, 10.2270, 12.4057



20.1376, 16.0340, 19.8767



11.4734, 10.1339, 8.9408



3.7471, 3.7261, 4.1950



8.7955, 4.4519, 4.1315



42.4397, 21.5260, 17.9105

Previews

White Background



This preview shows how the XYZ color 11.6911, 14.8678, 14.0580 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 11.6911, 14.8678, 14.0580 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 11.6911, 14.8678, 14.0580

Background



This preview shows how black text looks on a background with the XYZ color 11.6911, 14.8678, 14.0580.



This preview shows how white text looks on a background with the XYZ color 11.6911, 14.8678,

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

11.6911, 14.8678, 14.0580

Protanopia

14.0053, 14.7864, 12.9424

Deuteranopia

15.0450, 14.8333, 14.3821



Tritanopia

12.9917, 14.9001, 20.2804

Trichromacy



Original Color

11.6911, 14.8678, 14.0580

Protanomaly

12.9428, 14.7057, 13.2227

Deuteranomaly

13.4885, 14.6485, 14.1731

Tritanomaly

12.4530, 14.8415, 17.8311

Monochromacy



Original Color

11.6911, 14.8678, 14.0580

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.3753, 13.9076, 14.6026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6911, 14.8678, 14.0580 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(80, 115, 99)` looks like.

```
.text, #text, p{  
    color:rgb(80, 115, 99)  
}
```

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(80, 115, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 115, 99) }
```

Border

The CSS property to change the border of an element to XYZ 11.6911, 14.8678, 14.0580 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(80, 115, 99) }
```


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

```
.border{ border-color:rgb(80, 115, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 115, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 115, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 115, 99);  
box-shadow:4px 4px 4px 4px rgb(80, 115,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6911, 14.8678, 14.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 115, 99) }
```

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

```
.background{ background-color: rgb(80, 115,  
99) }
```

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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