

Converting Colors

XYZ(11.1150, 14.7033, 12.4588)

Have a look what the booklet for
XYZ(11.1150, 14.7033, 12.4588)
contains.

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Color

**XYZ(11.1576, 14.8000,
12.3938)**

Conversions

Conversions Part 1

Format	Color
Hex	4C745C
RGB	76, 116, 92
RGB Percent	30%, 45%, 36%
CMY	0.7020, 0.5451, 0.6392
CMYK	0.34, 0.00, 0.21, 0.55
HSL	144°, 21%, 38%
HSV	144°, 34%, 45%
XYZ	11.1576, 14.8000, 12.3938
YIQ	101.3040, -16.1360, -15.9440

Conversions

Conversions Part 2

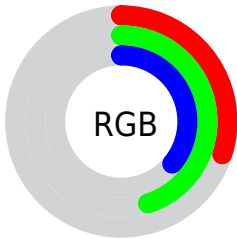
Format	Color
RYB	76, 105, 116
Decimal	5010524
CIELab	45.36, -19.66, 8.86
CIElCh	45, 21.564, 155.728
Yxy	14.8000, 0.2909, 0.3859
Android (android.graphics.Color)	4283200604 (0xFF4C745C)
YUV	101.3040, -4.5869, -22.1916
Hunter-Lab	38.4708, -15.5538, 7.8286

Details

The XYZ color **11.1576, 14.8000, 12.3938** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.0876, 9.8022, 13.3120**, and the grayscale version is **12.4630, 13.1121, 14.2790**.

A 20% lighter version of the original color is **27.4893, 34.3939, 30.7810**, and **3.0670, 4.5927, 3.3096** is the 20% darker color. If you saturate the color by 10%, you get **10.0275, 14.2514, 10.8251**, and if you desaturate by 10%, it is **12.4827, 15.4468, 14.1182**.

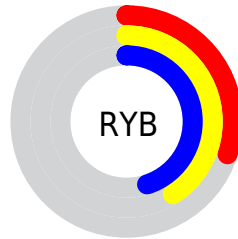
Distribution



Red (30%)

Green (45%)

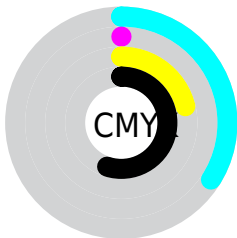
Blue (36%)



Red (30%)

Yellow (41%)

Blue (45%)

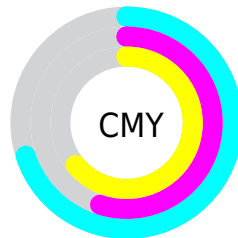


Cyan (34%)

Magenta (0%)

Yellow (21%)

Black (55%)



Cyan (70%)

Magenta (55%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1576, 14.8000, 12.3938 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 11.1576, 14.8000, 12.3938 by changing the saturation by 10% instead.

■ 11.1576, 14.8000,
12.3938

■ 11.1576, 14.8000,
12.3938

192.6317,
222.1525, 218.0648

■ 6.2410, 8.6791,
6.8867

■ 27.5816, 34.5019,
30.8854

■ 3.0342, 4.5325,
3.3140

■ 39.8197, 48.8518,
44.7069

■ 1.1719, 1.9757,
1.2571

■ 55.2291, 66.7135,
62.1370

■ 0.0840, 0.5933,
0.0262

■ 74.1750, 88.4713,
83.5942

■ 0.0000, 0.0000,
0.0000

■ 97.0229, 114.5097,
109.4971

124.1380,

145.2131, 140.2641

155.8858,
180.9659, 176.3138

■ 11.1576, 14.8000,
12.3938

■ 11.1576, 14.8000,
12.3938

■ 10.0275, 14.2514,
10.8251

■ 12.4827, 15.4468,
14.1182

■ 9.0814, 13.7941,
9.4067

■ 14.0107, 16.1943,
16.0016

■ 8.3093, 13.4234,
8.1345

■ 15.7502, 17.0476,
18.0482

■ 7.6995, 13.1334,
7.0036

■ 17.7092, 18.0105,
20.2620

■ 7.2386, 12.9174,
6.0089

■ 19.8953, 19.0870,
22.6466

■ 6.9067, 12.7650,
5.1447

■ 22.3156, 20.2805,
25.2058

■ 6.7468, 12.6918,
4.7205

■ 24.9768, 21.5947,
27.9429

■ 27.8857, 23.0326,
30.8615

■ 31.0484, 24.5976,
33.9647

Harmonies

Analogous

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



12.1518, 14.8000, 9.3656



11.1576, 14.8000, 12.3938



10.9135, 14.8000, 17.1184

Triad

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



11.1576, 14.8000, 12.3938



14.4132, 14.8000, 28.0431



17.0492, 14.8000, 11.0181

Complementary

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



11.1576, 14.8000, 12.3938



12.0876, 9.8022, 13.3120

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.



17.7759, 14.8000, 15.1510



11.1576, 14.8000, 12.3938



16.1734, 14.8000, 25.5113

Square

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



11.1576, 14.8000, 12.3938



12.6994, 14.8000, 26.8707



17.4426, 14.8000, 20.5144



15.5293, 14.8000, 8.6972

Rectangle

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



11.1576, 14.8000, 12.3938



11.1893, 14.8000, 20.7822



17.4426, 14.8000, 20.5144



17.4000, 14.8000, 12.2042

Sweetspot

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



11.1580, 14.8006, 12.3941



25.8745, 29.0769, 29.6133



12.8800, 15.7608, 9.2008



6.0928, 6.8975, 6.9701



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.



11.1580, 14.8006, 12.3941



18.0811, 25.2710, 19.6775



12.1140, 15.1830, 17.4281



3.6957, 4.1202, 4.2314



7.5623, 14.2389, 5.2510



36.4528, 69.2284, 23.4872

Inverse Universe

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



12.0876, 9.8022, 13.3120



19.9650, 15.1332, 21.5319



11.2600, 9.4712, 8.9539



3.7675, 3.7343, 4.3027



9.3001, 4.6537, 6.7883



44.8888, 22.5056, 30.8076

Previews

White Background



This preview shows how the XYZ color 11.1576, 14.8000, 12.3938 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 11.1576, 14.8000, 12.3938 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 11.1576, 14.8000, 12.3938

Background



This preview shows how black text looks on a background with the XYZ color 11.1576, 14.8000, 12.3938.



This preview shows how white text looks on a background with the XYZ color 11.1576, 14.8000,

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

11.1576, 14.8000, 12.3938

Protanopia

13.7880, 14.7142, 11.1302

Deuteranopia

14.9418, 14.6643, 12.8694



Tritanopia

12.7250, 14.7627, 20.2680

Trichromacy



Original Color

11.1576, 14.8000, 12.3938

Protanomaly

12.6346, 14.5825, 11.6000

Deuteranomaly

13.2086, 14.5365, 12.6993

Tritanomaly

12.0279, 14.6415, 16.9440

Monochromacy



Original Color

11.1576, 14.8000, 12.3938

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.7723, 13.4652, 13.5339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1576, 14.8000, 12.3938 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(76, 116, 92)` looks like.

```
.text, #text, p{  
    color:rgb(76, 116, 92)  
}
```

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(76, 116, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 116, 92) }
```

Border

The CSS property to change the border of an element to XYZ 11.1576, 14.8000, 12.3938 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(76, 116, 92) }
```


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

```
.border{ border-color:rgb(76, 116, 92) }
```

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

Here you see how a box with a 4 pixel rgb(76, 116, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 116, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 116, 92);  
box-shadow:4px 4px 4px 4px rgb(76, 116,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1576, 14.8000, 12.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 116, 92) }
```

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

```
.background{ background-color: rgb(76, 116,  
92) }
```

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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