

Converting Colors

XYZ(11.4026, 14.0195, 15.6076)

Have a look what the booklet for
XYZ(11.4026, 14.0195, 15.6076)
contains.

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Color

**XYZ(11.4278, 14.0292,
15.7413)**

Conversions

Conversions Part 1

Format	Color
Hex	4E6F6A
RGB	78, 111, 106
RGB Percent	31%, 44%, 42%
CMY	0.6941, 0.5647, 0.5843
CMYK	0.30, 0.00, 0.05, 0.56
HSL	171°, 17%, 37%
HSV	171°, 30%, 44%
XYZ	11.4278, 14.0292, 15.7413
YIQ	100.5630, -18.0630, -8.5510

Conversions

Conversions Part 2

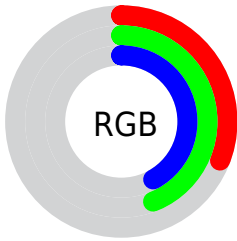
Format	Color
RYB	78, 96, 111
Decimal	5140330
CIELab	44.27, -13.02, -1.05
CIElCh	44, 13.066, 184.591
Yxy	14.0292, 0.2774, 0.3405
Android (android.graphics.Color)	4283330410 (0xFF4E6F6A)
YUV	100.5630, 2.6804, -19.7878
Hunter-Lab	37.4556, -11.0864, 1.3013

Details

The XYZ color **11.4278, 14.0292, 15.7413** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.8417, 9.4531, 9.4372**, and the grayscale version is **12.2541, 12.8923, 14.0397**.

A 20% lighter version of the original color is **28.0851, 33.2179, 36.8297**, and **3.1320, 4.1621, 4.7760** is the 20% darker color. If you saturate the color by 10%, you get **10.5075, 13.5652, 15.2463**, and if you desaturate by 10%, it is **12.5041, 14.5742, 16.2532**.

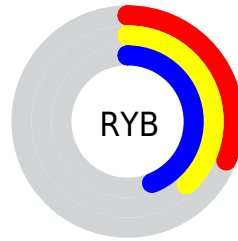
Distribution



Red (31%)

Green (44%)

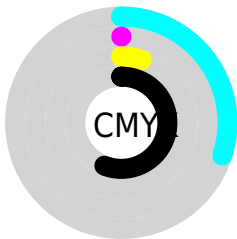
Blue (42%)



Red (31%)

Yellow (38%)

Blue (44%)

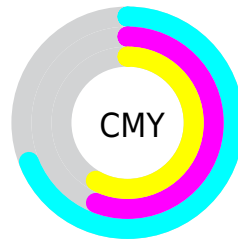


Cyan (30%)

Magenta (0%)

Yellow (5%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4278, 14.0292, 15.7413 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 11.4278, 14.0292, 15.7413 by changing the saturation by 10% instead.

■ 11.4278, 14.0292,
15.7413

■ 11.4278, 14.0292,
15.7413

194.4277,
217.4124, 239.6037

■ 6.4248, 8.1410,
9.1889

■ 28.0746, 33.1408,
36.9090

■ 3.1481, 4.1853,
4.7661

■ 40.4490, 47.1330,
52.3614

■ 1.2326, 1.7777,
2.0544

■ 56.0113, 64.5953,
71.6176

■ 0.1319, 0.4732,
0.5884

■ 75.1268, 85.9122,
95.0961

■ 0.0000, 0.0000,
0.0000

■ 98.1608, 111.4679,
123.2154

125.4787,

141.6469, 156.3940

157.4459,
176.8336, 195.0506

■ 11.4278, 14.0292,
15.7413

■ 11.4278, 14.0292,
15.7413

■ 10.5075, 13.5652,
15.2463

■ 12.5041, 14.5742,
16.2532

■ 9.7344, 13.1764,
14.7667

■ 13.7425, 15.2022,
16.7814

■ 9.1005, 12.8592,
14.3026

■ 15.1501, 15.9173,
17.3266

■ 8.5964, 12.6088,
13.8533

■ 16.7332, 16.7225,
17.8891

■ 8.2120, 12.4198,
13.4184

■ 18.4978, 17.6212,
18.4692

■ 7.9351, 12.2861,
12.9972

■ 20.4496, 18.6162,
19.0673

■ 7.7190, 12.1835,
12.5875

■ 22.5942, 19.7104,
19.6837

■ 7.7132, 12.1808,
12.5766

■ 24.9368, 20.9064,
20.3187

■ 27.4824, 22.2068,
20.9725

Harmonies

Analogous

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



11.5984, 14.0292, 12.9342



11.4278, 14.0292, 15.7413



11.7458, 14.0292, 18.7855

Triad

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



11.4278, 14.0292, 15.7413



14.5094, 14.0292, 20.5265



14.2163, 14.0292, 10.6397

Complementary

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



11.4278, 14.0292, 15.7413



10.8417, 9.4531, 9.4372

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.



15.0600, 14.0292, 12.2323



11.4278, 14.0292, 15.7413



15.2354, 14.0292, 17.8834

Square

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



11.4278, 14.0292, 15.7413



13.4960, 14.0292, 21.7685



15.4419, 14.0292, 14.8188



13.1739, 14.0292, 10.2219

Rectangle

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



11.4278, 14.0292, 15.7413



12.2023, 14.0292, 20.4692



15.4419, 14.0292, 14.8188



14.5343, 14.0292, 11.0441

Sweetspot

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



11.4282, 14.0298, 15.7416



24.7225, 27.2795, 30.0952



10.6715, 13.7813, 9.3054



5.8730, 6.5200, 7.2032



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.4282, 14.0298, 15.7416



19.2411, 24.5046, 27.5409



10.5686, 11.8822, 16.7761



3.4543, 3.8069, 4.1986



9.0812, 14.3500, 14.7802



44.9838, 71.3822, 72.2910

Inverse Universe

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



10.8417, 9.4531, 9.4372



18.0020, 14.8232, 14.2125



11.5035, 11.0747, 8.7391



3.4032, 3.4090, 3.6501



7.8355, 4.0266, 0.9435



38.8229, 19.9745, 3.5998

Previews

White Background



This preview shows how the XYZ color 11.4278, 14.0292, 15.7413 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 11.4278, 14.0292, 15.7413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

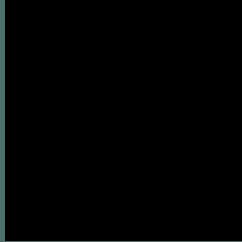
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4278, 14.0292, 15.7413

Background



This preview shows how black text looks on a background with the XYZ color 11.4278, 14.0292, 15.7413.



This preview shows how white text looks on a background with the XYZ color 11.4278, 14.0292,

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

11.4278, 14.0292, 15.7413

Protanopia

13.4120, 13.9857, 14.5630

Deuteranopia

14.1705, 13.9008, 16.1236



Tritanopia

12.1320, 13.9946, 19.2013

Trichromacy



Original Color

11.4278, 14.0292, 15.7413

Protanomaly

12.5297, 13.9815, 14.8703

Deuteranomaly

12.9609, 13.8740, 15.9048

Tritanomaly

11.9215, 14.0722, 18.0075

Monochromacy



Original Color

11.4278, 14.0292, 15.7413

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.0140, 13.4096, 14.7871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4278, 14.0292, 15.7413 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(78, 111, 106)` looks like.

```
.text, #text, p{  
    color:rgb(78, 111, 106)  
}
```

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(78, 111, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 111, 106) }
```

Border

The CSS property to change the border of an element to XYZ 11.4278, 14.0292, 15.7413 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(78, 111, 106) }
```


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

```
.border{ border-color:rgb(78, 111, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 111, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 111, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 111, 106);  
box-shadow:4px 4px 4px 4px rgb(78, 111,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4278, 14.0292, 15.7413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 111, 106) }
```

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

```
.background{ background-color: rgb(78, 111,  
106) }
```

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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