

Converting Colors

XYZ(11.0690, 14.3116, 12.0014)

Have a look what the booklet for
XYZ(11.0690, 14.3116, 12.0014)
contains.

XYZ(11.0179, 14.2279, 12.0631)	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(11.0179, 14.2279,
12.0631)**

Conversions

Conversions Part 1

Format	Color
Hex	4F715B
RGB	79, 113, 91
RGB Percent	31%, 44%, 36%
CMY	0.6902, 0.5569, 0.6431
CMYK	0.30, 0.00, 0.19, 0.56
HSL	141°, 18%, 38%
HSV	141°, 30%, 44%
XYZ	11.0179, 14.2279, 12.0631
YIQ	100.3260, -13.2020, -14.0500

Conversions

Conversions Part 2

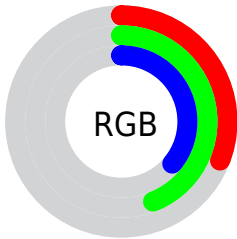
Format	Color
R_{YB}	79, 104, 113
Decimal	5206363
CIE _{Lab}	44.56, -17.23, 8.35
CIE _{LCh}	45, 19.150, 154.138
Y _{xy}	14.2279, 0.2953, 0.3814
Android (android.graphics.Color)	4283396443 (0xFF4F715B)
YUV	100.3260, -4.5977, -18.7029
Hunter-Lab	37.7199, -13.8703, 7.4425

Details

The XYZ color **11.0179, 14.2279, 12.0631** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.9555, 10.0425, 13.6207**, and the grayscale version is **12.2105, 12.8464, 13.9898**.

A 20% lighter version of the original color is **27.3161, 33.5005, 30.2258**, and **2.9911, 4.2934, 3.1537** is the 20% darker color. If you saturate the color by 10%, you get **9.8565, 13.6643, 10.4418**, and if you desaturate by 10%, it is **12.3706, 14.8874, 13.8545**.

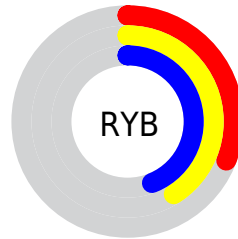
Distribution



Red (31%)

Green (44%)

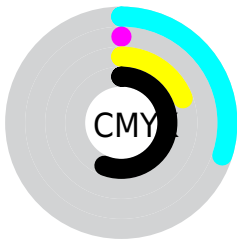
Blue (36%)



Red (31%)

Yellow (41%)

Blue (44%)

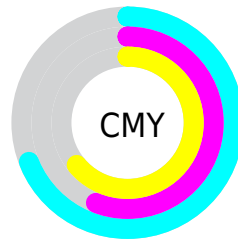


Cyan (30%)

Magenta (0%)

Yellow (19%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0179, 14.2279, 12.0631 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 11.0179, 14.2279, 12.0631 by changing the saturation by 10% instead.

■ 11.0179, 14.2279,
12.0631

■ 11.0179, 14.2279,
12.0631

191.6961,
218.6440, 215.8153

■ 6.1463, 8.2793,
6.6636

■ 27.3259, 33.4929,
30.2761

■ 2.9757, 4.2742,
3.1774

■ 39.4930, 47.5780,
43.9267

■ 1.1409, 1.8281,
1.1859

■ 54.8226, 65.1442,
61.1647

■ 0.0590, 0.5046,
0.0000

■ 73.6801, 86.5758,
82.4087

■ 0.0000, 0.0000,
0.0000

■ 96.4309, 112.2572,
108.0772

123.4402,

142.5728, 138.5888

155.0735,
177.9069, 174.3620

■ 11.0179, 14.2279,
12.0631

■ 11.0179, 14.2279,
12.0631

■ 9.8565, 13.6643,
10.4418

■ 12.3706, 14.8874,
13.8545

■ 8.8764, 13.1902,
8.9846

■ 13.9219, 15.6452,
15.8197

■ 8.0682, 12.8015,
7.6865

■ 15.6799, 16.5059,
17.9637

■ 7.4213, 12.4926,
6.5422

■ 17.6521, 17.4731,
20.2909

■ 6.9237, 12.2577,
5.5456

■ 19.8455, 18.5505,
22.8055

■ 6.5618, 12.0897,
4.6907

■ 22.2668, 19.7413,
25.5117

■ 6.2864, 11.9633,
3.9749

■ 24.9225, 21.0489,
28.4133

■ 27.8187, 22.4763,
31.5144

■ 30.9614, 24.0265,
34.8186

Harmonies

Analogous

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



11.9208, 14.2279, 9.4534



11.0179, 14.2279, 12.0631



10.7666, 14.2279, 16.1150

Triad

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



11.0179, 14.2279, 12.0631



13.7391, 14.2279, 25.6435



16.1393, 14.2279, 11.1837

Complementary

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



11.0179, 14.2279, 12.0631



11.9555, 10.0425, 13.6207

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.



16.7142, 14.2279, 14.8848



11.0179, 14.2279, 12.0631



15.2631, 14.2279, 23.6721

Square

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



11.0179, 14.2279, 12.0631



12.2660, 14.2279, 24.4974



16.3821, 14.2279, 19.5154



14.8635, 14.2279, 9.0178

Rectangle

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



11.0179, 14.2279, 12.0631



10.9849, 14.2279, 19.2454



16.3821, 14.2279, 19.5154



16.4251, 14.2279, 12.2610

Sweetspot

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



11.0183, 14.2285, 12.0634



25.1811, 28.1378, 28.6401



12.6950, 15.1480, 9.6520



5.7443, 6.4685, 6.5251



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.



11.0183, 14.2285, 12.0634



18.2638, 24.7653, 19.5729



11.8315, 14.5538, 16.3457



3.3892, 3.7809, 3.8557



7.1217, 13.5662, 4.4619



35.1004, 67.4288, 20.2461

Inverse Universe

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



11.9555, 10.0425, 13.6207



20.2256, 15.9970, 22.8283



11.2106, 9.7446, 9.6982



3.4668, 3.4344, 3.9850



9.0840, 4.5260, 7.5183



44.8310, 22.3777, 35.2376

Previews

White Background



This preview shows how the XYZ color 11.0179, 14.2279, 12.0631 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 11.0179, 14.2279, 12.0631 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

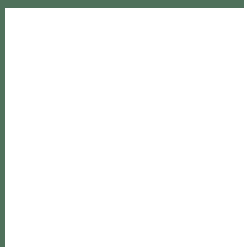
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0179, 14.2279, 12.0631

Background



This preview shows how black text looks on a background with the XYZ color 11.0179, 14.2279, 12.0631.



This preview shows how white text looks on a background with the XYZ color 11.0179, 14.2279,

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

11.0179, 14.2279, 12.0631

Protanopia

13.3274, 14.1708, 11.0496

Deuteranopia

14.2372, 14.0196, 12.3116



Tritanopia

12.3948, 14.1301, 19.2136

Trichromacy



Original Color

11.0179, 14.2279, 12.0631

Protanomaly

12.2696, 14.0824, 11.3040

Deuteranomaly

12.6923, 13.8189, 12.1236

Tritanomaly

11.7624, 14.0284, 16.2752

Monochromacy



Original Color

11.0179, 14.2279, 12.0631

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.6229, 13.2415, 13.2525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0179, 14.2279, 12.0631 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(79, 113, 91)` looks like.

```
.text, #text, p{  
    color:rgb(79, 113, 91)  
}
```

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(79, 113, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 113, 91) }
```

Border

The CSS property to change the border of an element to XYZ 11.0179, 14.2279, 12.0631 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(79, 113, 91) }
```


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

```
.border{ border-color:rgb(79, 113, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 113, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 113, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 113, 91);  
box-shadow:4px 4px 4px 4px rgb(79, 113,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0179, 14.2279, 12.0631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 113, 91) }
```

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

```
.background{ background-color: rgb(79, 113,  
91) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor