

Converting Colors

XYZ(11.6653, 14.2354, 11.9859)

Have a look what the booklet for
XYZ(11.6653, 14.2354, 11.9859)
contains.

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Color

**XYZ(11.6926, 14.2481,
12.0314)**

Conversions

Conversions Part 1

Format	Color
Hex	596F5B
RGB	89, 111, 91
RGB Percent	35%, 44%, 36%
CMY	0.6510, 0.5647, 0.6431
CMYK	0.20, 0.00, 0.18, 0.56
HSL	125°, 11%, 39%
HSV	125°, 20%, 44%
XYZ	11.6926, 14.2481, 12.0314
YIQ	102.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

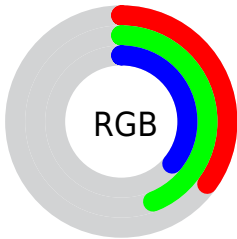
Format	Color
R_{YB}	89, 109, 111
Decimal	5861211
CIE _{Lab}	44.59, -12.48, 8.49
CIE _{LCh}	45, 15.090, 145.777
Yxy	14.2481, 0.3079, 0.3752
Android (android.graphics.Color)	4284051291 (0xFF596F5B)
YUV	102.1420, -5.4930, -11.5255
Hunter-Lab	37.7467, -10.7636, 7.5245

Details

The XYZ color **11.6926, 14.2481, 12.0314** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8888, 11.6287, 16.0340**, and the grayscale version is **12.6819, 13.3424, 14.5299**.

A 20% lighter version of the original color is **28.5524, 33.6064, 30.1811**, and **3.2474, 4.2581, 3.1334** is the 20% darker color. If you saturate the color by 10%, you get **10.3003, 13.5777, 9.8447**, and if you desaturate by 10%, it is **13.3049, 15.0260, 14.5346**.

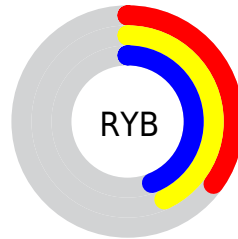
Distribution



Red (35%)

Green (44%)

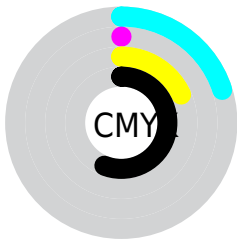
Blue (36%)



Red (35%)

Yellow (43%)

Blue (44%)

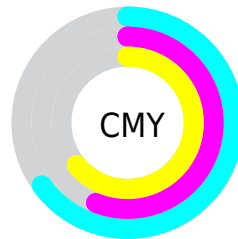


Cyan (20%)

Magenta (0%)

Yellow (18%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6926, 14.2481, 12.0314 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 11.6926, 14.2481, 12.0314 by changing the saturation by 10% instead.

■ 11.6926, 14.2481,
12.0314

■ 11.6926, 14.2481,
12.0314

196.1712,
218.7689, 215.5983

■ 6.6054, 8.2934,
6.6423

■ 28.5557, 33.5286,
30.2175

■ 3.2607, 4.2833,
3.1644

■ 41.0624, 47.6232,
43.8516

■ 1.2931, 1.8333,
1.1792

■ 56.7729, 65.1999,
61.0711

■ 0.1780, 0.5078,
0.0000

■ 76.0527, 86.6431,
82.2945

■ 0.0000, 0.0000,
0.0000

■ 99.2671, 112.3372,
107.9404

126.7814,

142.6666, 138.4273

158.9610,
178.0157, 174.1738

■ 11.6926, 14.2481,
12.0314

■ 11.6926, 14.2481,
12.0314

■ 10.3003, 13.5777,
9.8447

■ 13.3049, 15.0260,
14.5346

■ 9.1173, 13.0083,
7.9611

■ 15.1450, 15.9138,
17.3653

■ 8.1339, 12.5356,
6.3674

■ 17.2216, 16.9163,
20.5349

■ 7.3389, 12.1542,
5.0493

■ 19.5427, 18.0374,
24.0543

■ 6.7204, 11.8581,
3.9911

■ 22.1160, 19.2808,
27.9337

■ 6.2647, 11.6407,
3.1756

■ 24.9487, 20.6500,
32.1827

■ 5.9563, 11.4945,
2.5836

■ 28.0478, 22.1484,
36.8110

■ 5.7435, 11.3933,
2.1914

■ 31.4201, 23.7793,
41.8276

■ 5.7400, 11.3916,
2.1861

■ 35.0720, 25.5459,
47.2413

Harmonies

Analogous

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



12.5470, 14.2481, 10.2130



11.6926, 14.2481, 12.0314



11.3336, 14.2481, 15.0239

Triad

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



11.6926, 14.2481, 12.0314



13.3702, 14.2481, 23.2310



15.7682, 14.2481, 12.7699

Complementary

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



11.6926, 14.2481, 12.0314



12.8888, 11.6287, 16.0340

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.



16.0210, 14.2481, 16.0142



11.6926, 14.2481, 12.0314



14.5891, 14.2481, 22.3896

Square

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



11.6926, 14.2481, 12.0314



12.2645, 14.2481, 21.7632



15.5777, 14.2481, 19.6105



14.9061, 14.2481, 10.5923

Rectangle

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



11.6926, 14.2481, 12.0314



11.4066, 14.2481, 17.4144



15.5777, 14.2481, 19.6105



15.9294, 14.2481, 13.7567

Sweetspot

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



11.6930, 14.2487, 12.0317



24.9805, 27.4633, 27.8102



13.8155, 15.3527, 11.6865



5.9654, 6.5805, 6.6258



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.



11.6930, 14.2487, 12.0317



19.6842, 24.9096, 19.5822



12.1947, 14.4494, 14.6738



3.3562, 3.7677, 3.6823



6.7582, 13.4208, 2.5477



33.5175, 66.7956, 11.9102

Inverse Universe

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



12.8888, 11.6287, 16.0340



22.2611, 19.2626, 28.2063



12.3409, 11.4096, 13.1488



3.5020, 3.4485, 4.1701



10.4828, 5.0855, 14.8841



52.0532, 25.2666, 73.2693

Previews

White Background



This preview shows how the XYZ color 11.6926, 14.2481, 12.0314 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 11.6926, 14.2481, 12.0314 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 11.6926, 14.2481, 12.0314

Background



This preview shows how black text looks on a background with the XYZ color 11.6926, 14.2481, 12.0314.



This preview shows how white text looks on a background with the XYZ color 11.6926, 14.2481,

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

11.6926, 14.2481, 12.0314

Protanopia

13.3686, 14.1872, 11.2663

Deuteranopia

14.3752, 14.0907, 12.3181



Tritanopia

13.0291, 14.3132, 18.5990

Trichromacy



Original Color

11.6926, 14.2481, 12.0314

Protanomaly

12.6544, 14.1202, 11.5097

Deuteranomaly

13.2900, 14.1271, 12.1516

Tritanomaly

12.5361, 14.2741, 16.0044

Monochromacy



Original Color

11.6926, 14.2481, 12.0314

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.1859, 13.5264, 13.5239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6926, 14.2481, 12.0314 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(89, 111, 91) looks like.

```
.text, #text, p{  
    color:rgb(89, 111, 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(89, 111, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 111, 91) }
```

Border

The CSS property to change the border of an element to XYZ 11.6926, 14.2481, 12.0314 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(89, 111, 91) }
```


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

```
.border{ border-color:rgb(89, 111, 91) }
```

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

Here you see how a box with a 4 pixel rgb(89, 111, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 111, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 111, 91);  
box-shadow:4px 4px 4px 4px rgb(89, 111,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6926, 14.2481, 12.0314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 111, 91) }
```

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

```
.background{ background-color: rgb(89, 111,  
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](#).

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