

Converting Colors

XYZ(11.1901, 11.4597, 14.4076)

Have a look what the booklet for
XYZ(11.1901, 11.4597, 14.4076)
contains.

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Color

**XYZ(11.1702, 11.4176,
14.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5E67
RGB	95, 94, 103
RGB Percent	37%, 37%, 40%
CMY	0.6274, 0.6314, 0.5961
CMYK	0.08, 0.09, 0.00, 0.60
HSL	247°, 5%, 39%
HSV	247°, 9%, 40%
XYZ	11.1702, 11.4176, 14.4470
YIQ	95.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

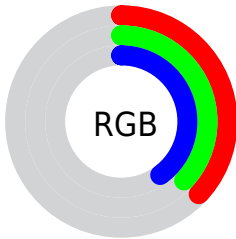
Format	Color
R_{YB}	95, 94, 103
Decimal	6250087
CIE Lab	40.28, 2.35, -4.98
CIE LCh	40, 5.508, 295.227
Yxy	11.4176, 0.3016, 0.3083
Android (android.graphics.Color)	4284440167 (0xFF5F5E67)
YUV	95.3250, 3.7838, -0.2850
Hunter-Lab	33.7899, -0.1243, -1.6967

Details

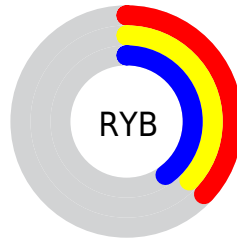
The XYZ color **11.1702, 11.4176, 14.4470** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3505, 13.3337, 12.5130**, and the grayscale version is **10.9471, 11.5172, 12.5422**.

A 20% lighter version of the original color is **27.4830, 28.2994, 34.5857**, and **3.0374, 3.0524, 4.1705** is the 20% darker color. If you saturate the color by 10%, you get **9.4188, 9.2449, 14.1201**, and if you desaturate by 10%, it is **13.1563, 13.8935, 14.8204**.

Distribution



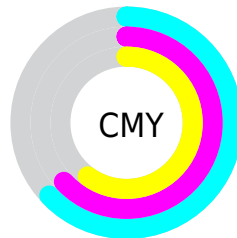
- Red (37%)
- Green (37%)
- Blue (40%)



- Red (37%)
- Yellow (37%)
- Blue (40%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (60%)



- Cyan (63%)
- Magenta (63%)
- Yellow (60%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1702, 11.4176, 14.4470 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 11.1702, 11.4176, 14.4470 by changing the saturation by 10% instead.

■ 11.1702, 11.4176,
14.4470

■ 11.1702, 11.4176,
14.4470

192.7158,
200.5106, 231.5185

■ 6.2496, 6.3485,
8.2899

■ 27.6046, 28.4298,
34.6086

■ 3.0395, 3.0581,
4.1906

■ 39.8492, 41.1417,
49.4501

■ 1.1747, 1.1621,
1.7305

■ 55.2657, 57.1700,
68.0236

■ 0.0862, 0.0305,
0.3815

■ 74.2196, 76.8990,
90.7475

■ 0.0000, 0.0000,
0.0000

97.0762, 100.7132,
118.0404

124.2008,

128.9969, 150.3209

155.9589,
162.1345, 188.0074

■ 11.1702, 11.4176,
14.4470

■ 11.1702, 11.4176,
14.4470

■ 9.4188, 9.2449,
14.1201

■ 13.1563, 13.8935,
14.8204

■ 7.8926, 7.3622,
13.8372

■ 15.3844, 16.6820,
15.2412

■ 6.5826, 5.7577,
13.5965

■ 17.8627, 19.7941,
15.7113

■ 5.4789, 4.4182,
13.3961

■ 20.5985, 23.2396,
16.2321

■ 4.5711, 3.3294,
13.2338

■ 23.5990, 27.0282,
16.8053

■ 3.8475, 2.4755,
13.1071

■ 26.8711, 31.1689,
17.4320

■ 3.2953, 1.8391,
13.0134

■ 30.4215, 35.6705,
18.1138

■ 2.9001, 1.4003,
12.9495

■ 34.2564, 40.5415,
18.8519

■ 2.6223, 1.0900,
12.9043

■ 38.3821, 45.7902,
19.6475

Harmonies

Analogous

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



10.7907, 11.4176, 14.6631



11.1702, 11.4176, 14.4470



11.4707, 11.4176, 13.6788

Triad

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



11.1702, 11.4176, 14.4470



11.2792, 11.4176, 10.7727



10.1320, 11.4176, 12.2565

Complementary

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



11.1702, 11.4176, 14.4470



12.3505, 13.3337, 12.5130

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.



10.2561, 11.4176, 11.2631



11.1702, 11.4176, 14.4470



10.9137, 11.4176, 10.4392

Square

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



11.1702, 11.4176, 14.4470



11.5346, 11.4176, 11.5512



10.5401, 11.4176, 10.6133



10.1970, 11.4176, 13.3561

Rectangle

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



11.1702, 11.4176, 14.4470



11.5827, 11.4176, 12.9795



10.5401, 11.4176, 10.6133



10.1529, 11.4176, 11.8998

Sweetspot

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



11.1705, 11.4181, 14.4473



21.9576, 22.8807, 26.2362



11.8258, 12.8816, 14.6952



5.2973, 5.5077, 6.3897



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.1705, 11.4181, 14.4473



19.4862, 19.8040, 25.7726



11.6407, 11.6605, 14.4693



2.7184, 2.7769, 3.5247



3.2422, 1.3156, 16.2274



16.5133, 6.6572, 84.6160

Inverse Universe

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



11.9949, 11.8488, 14.2258



21.2094, 20.7044, 25.3052



11.8649, 13.0834, 12.4903



2.9235, 2.8840, 3.4696



9.4366, 4.5876, 12.9635



49.0177, 23.8471, 66.5617

Previews

White Background



This preview shows how the XYZ color 11.1702, 11.4176, 14.4470 looks on a white background.

Color Contrast Check

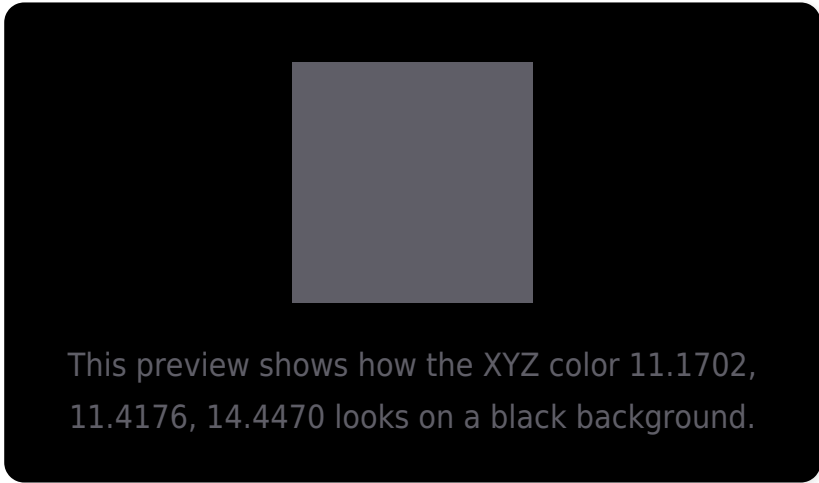
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

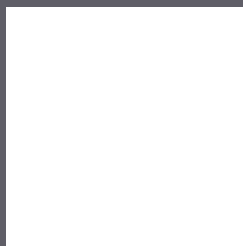
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1702, 11.4176, 14.4470

Background



This preview shows how black text looks on a background with the XYZ color 11.1702, 11.4176, 14.4470.



This preview shows how white text looks on a background with the XYZ color 11.1702, 11.4176,

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

11.1702, 11.4176, 14.4470

Protanopia

11.0670, 11.3644, 14.4422

Deuteranopia

11.5309, 11.3429, 14.4136



Tritanopia

11.1203, 11.3976, 14.1842

Trichromacy



Original Color

11.1702, 11.4176, 14.4470

Protanomaly

11.0670, 11.3644, 14.4422

Deuteranomaly

11.3995, 11.4046, 14.4325

Tritanomaly

11.1203, 11.3976, 14.1842

Monochromacy



Original Color

11.1702, 11.4176, 14.4470

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.0161, 11.4992, 13.1942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1702, 11.4176, 14.4470 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(95, 94, 103) looks like.

```
.text, #text, p{  
    color:rgb(95, 94, 103)  
}
```

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(95, 94, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 94, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.1702, 11.4176, 14.4470 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(95, 94, 103) }
```


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

```
.border{ border-color:rgb(95, 94, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 94, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 94, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 94, 103);  
box-shadow:4px 4px 4px 4px rgb(95, 94,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1702, 11.4176, 14.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 94, 103) }
```

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

```
.background{ background-color: rgb(95, 94,  
103) }
```

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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