

Converting Colors

XYZ(11.5126, 11.7649, 14.4860)

Have a look what the booklet for
XYZ(11.5126, 11.7649, 14.4860)
contains.

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Color

**XYZ(11.4702, 11.7051,
14.4867)**

Conversions

Conversions Part 1

Format	Color
Hex	615F67
RGB	97, 95, 103
RGB Percent	38%, 37%, 40%
CMY	0.6196, 0.6274, 0.5961
CMYK	0.06, 0.08, 0.00, 0.60
HSL	255°, 4%, 39%
HSV	255°, 8%, 40%
XYZ	11.4702, 11.7051, 14.4867
YIQ	96.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

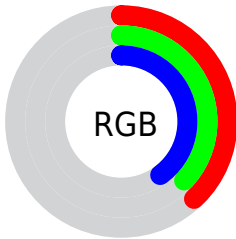
Format	Color
R_{YB}	97, 95, 103
Decimal	6381415
CIE Lab	40.74, 2.50, -4.27
CIE LCh	41, 4.947, 300.374
Yxy	11.7051, 0.3046, 0.3108
Android (android.graphics.Color)	4284571495 (0xFF615F67)
YUV	96.5100, 3.1996, 0.4297
Hunter-Lab	34.2127, -0.0281, -1.1563

Details

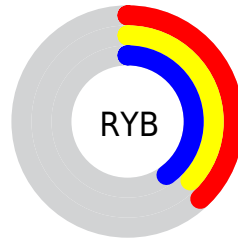
The XYZ color **11.4702, 11.7051, 14.4867** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2830, 13.2937, 12.7456**, and the grayscale version is **11.2353, 11.8204, 12.8724**.

A 20% lighter version of the original color is **28.1709, 28.8798, 34.6614**, and **3.1774, 3.1860, 4.1889** is the 20% darker color. If you saturate the color by 10%, you get **9.8196, 9.5670, 14.1612**, and if you desaturate by 10%, it is **13.3244, 14.1309, 14.8574**.

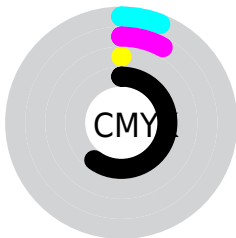
Distribution



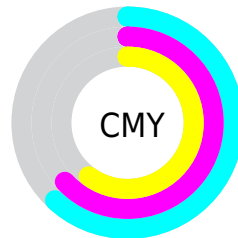
- Red (38%)
- Green (37%)
- Blue (40%)



- Red (38%)
- Yellow (37%)
- Blue (40%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (60%)



- Cyan (62%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4702, 11.7051, 14.4867 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 11.4702, 11.7051, 14.4867 by changing the saturation by 10% instead.

■ 11.4702, 11.7051,
14.4867

■ 11.4702, 11.7051,
14.4867

194.7080,
202.4431, 231.7707

■ 6.4536, 6.5432,
8.3173

■ 28.1517, 28.9569,
34.6796

■ 3.1661, 3.1781,
4.2080

■ 40.5474, 41.8155,
49.5403

■ 1.2422, 1.2254,
1.7401

■ 56.1336, 58.0085,
68.1351

■ 0.1393, 0.0823,
0.3880

■ 75.2755, 77.9203,
90.8826

■ 0.0000, 0.0000,
0.0000

98.3385, 101.9353,
118.2014

125.6880,

130.4378, 150.5100

157.6894,
163.8123, 188.2269

■ 11.4702, 11.7051,
14.4867

■ 11.4702, 11.7051,
14.4867

■ 9.8196, 9.5670,
14.1612

■ 13.3244, 14.1309,
14.8574

■ 8.3646, 7.7044,
13.8784

■ 15.3878, 16.8532,
15.2741

■ 7.0979, 6.1065,
13.6367

■ 17.6672, 19.8820,
15.7386

■ 6.0116, 4.7609,
13.4342

■ 20.1687, 23.2266,
16.2523

■ 5.0971, 3.6545,
13.2689

■ 22.8982, 26.8958,
16.8166

■ 4.3452, 2.7729,
13.1383

■ 25.8614, 30.8981,
17.4330

■ 3.7456, 2.1001,
13.0401

■ 29.0636, 35.2416,
18.1026

■ 3.2868, 1.6178,
12.9711

■ 32.5101, 39.9343,
18.8267

■ 2.9377, 1.2687,
12.9222

■ 36.2061, 44.9838,
19.6066

Harmonies

Analogous

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



11.1298, 11.7051, 14.7776



11.4702, 11.7051, 14.4867



11.7226, 11.7051, 13.7247

Triad

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



11.4702, 11.7051, 14.4867



11.4624, 11.7051, 11.1370



10.4638, 11.7051, 12.7575

Complementary

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



11.4702, 11.7051, 14.4867



12.2830, 13.2937, 12.7456

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.



10.5488, 11.7051, 11.8128



11.4702, 11.7051, 14.4867



11.1209, 11.7051, 10.9076

Square

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



11.4702, 11.7051, 14.4867



11.7180, 11.7051, 11.7920



10.7875, 11.7051, 11.1486



10.5530, 11.7051, 13.7477

Rectangle

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



11.4702, 11.7051, 14.4867



11.8043, 11.7051, 13.0709



10.7875, 11.7051, 11.1486



10.4730, 11.7051, 12.4243

Sweetspot

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



11.4705, 11.7056, 14.4870



22.3880, 23.3741, 26.3088



11.8345, 12.7458, 14.6685



5.4761, 5.7210, 6.4215



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.



11.4705, 11.7056, 14.4870



20.0731, 20.3537, 25.8478



11.8927, 11.9232, 14.5067



2.7510, 2.7937, 3.5262



3.5778, 1.4886, 16.2431



17.9610, 7.4035, 84.6838

Inverse Universe

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



12.0351, 12.0081, 13.9958



21.2695, 20.9949, 24.8007



11.8602, 13.0757, 12.7258



2.9081, 2.8779, 3.3889



8.7200, 4.3010, 9.1898



45.1171, 22.2868, 46.0213

Previews

White Background



This preview shows how the XYZ color 11.4702, 11.7051, 14.4867 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 11.4702, 11.7051, 14.4867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

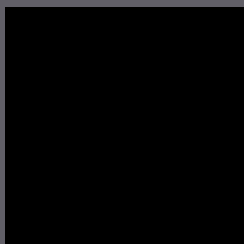
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

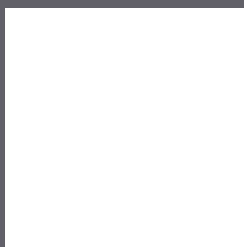
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4702, 11.7051, 14.4867

Background



This preview shows how black text looks on a background with the XYZ color 11.4702, 11.7051, 14.4867.



This preview shows how white text looks on a background with the XYZ color 11.4702, 11.7051,

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

11.4702, 11.7051, 14.4867

Protanopia

11.3643, 11.6505, 14.4818

Deuteranopia

11.8420, 11.6328, 14.4532



Tritanopia

11.4702, 11.7051, 14.4867

Trichromacy



Original Color

11.4702, 11.7051, 14.4867

Protanomaly

11.3643, 11.6505, 14.4818

Deuteranomaly

11.7064, 11.6940, 14.4721

Tritanomaly

11.4702, 11.7051, 14.4867

Monochromacy



Original Color

11.4702, 11.7051, 14.4867

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.3648, 11.8080, 13.4846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4702, 11.7051, 14.4867 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(97, 95, 103) looks like.

```
.text, #text, p{  
    color:rgb(97, 95, 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(97, 95, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 95, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.4702, 11.7051, 14.4867 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(97, 95, 103) }
```


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

```
.border{ border-color:rgb(97, 95, 103) }
```

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

Here you see how a box with a 4 pixel rgb(97, 95, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 95, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 95, 103);  
box-shadow:4px 4px 4px 4px rgb(97, 95,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4702, 11.7051, 14.4867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 95, 103) }
```

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

```
.background{ background-color: rgb(97, 95,  
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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