

Converting Colors

XYZ(11.3679, 13.3071, 16.4376)

Have a look what the booklet for
XYZ(11.3679, 13.3071, 16.4376)
contains.

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Color

**XYZ(11.4114, 13.3688,
16.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	516B6D
RGB	81, 107, 109
RGB Percent	32%, 42%, 43%
CMY	0.6823, 0.5804, 0.5725
CMYK	0.26, 0.02, 0.00, 0.57
HSL	184°, 15%, 37%
HSV	184°, 26%, 43%
XYZ	11.4114, 13.3688, 16.4470
YIQ	99.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

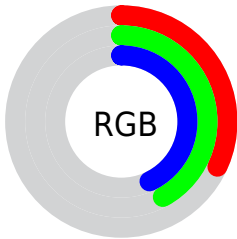
Format	Color
RYB	81, 94, 109
Decimal	5335917
CIELab	43.31, -9.00, -4.25
CIElCh	43, 9.952, 205.270
Yxy	13.3688, 0.2768, 0.3243
Android (android.graphics.Color)	4283525997 (0xFF516B6D)
YUV	99.4540, 4.7062, -16.1842
Hunter-Lab	36.5634, -8.2762, -1.0756

Details

The XYZ color **11.4114, 13.3688, 16.4470** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.8854, 10.0321, 9.1477**, and the grayscale version is **11.9661, 12.5892, 13.7097**.

A 20% lighter version of the original color is **27.9321, 31.8171, 37.9268**, and **3.1785, 3.9368, 5.1498** is the 20% darker color. If you saturate the color by 10%, you get **10.4706, 12.7642, 16.3801**, and if you desaturate by 10%, it is **12.5037, 14.0532, 16.5218**.

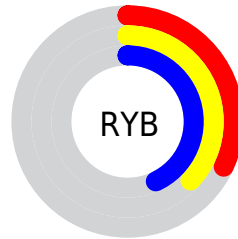
Distribution



Red (32%)

Green (42%)

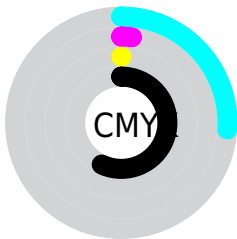
Blue (43%)



Red (32%)

Yellow (37%)

Blue (43%)

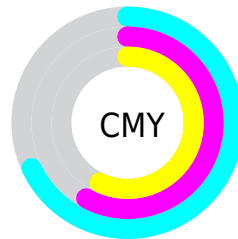


Cyan (26%)

Magenta (2%)

Yellow (0%)

Black (57%)



Cyan (68%)

Magenta (58%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4114, 13.3688, 16.4470 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 11.4114, 13.3688, 16.4470 by changing the saturation by 10% instead.

■ 11.4114, 13.3688,
16.4470

■ 11.4114, 13.3688,
16.4470

194.3192,
213.2679, 243.9002

■ 6.4136, 7.6830,
9.6832

■ 28.0447, 31.9648,
38.1500

■ 3.1412, 3.8928,
5.0866

■ 40.4109, 45.6437,
53.9264

■ 1.2289, 1.6138,
2.2385

■ 55.9639, 62.7559,
73.5440

■ 0.1290, 0.3669,
0.6965

■ 75.0692, 83.6856,
97.4214

■ 0.0000, 0.0000,
0.0000

■ 98.0920, 108.8172,
125.9773

125.3977,

138.5352, 159.6300

157.3516,
173.2240, 198.7981

■ 11.4114, 13.3688,
16.4470

■ 11.4114, 13.3688,
16.4470

■ 10.4706, 12.7642,
16.3801

■ 12.5037, 14.0532,
16.5218

■ 9.6731, 12.2342,
16.3198

■ 13.7529, 14.8193,
16.6038

■ 9.0113, 11.7753,
16.2662

■ 15.1658, 15.6709,
16.6937

■ 8.4769, 11.3832,
16.2186

■ 16.7483, 16.6109,
16.7917

■ 8.0605, 11.0529,
16.1768

■ 18.5059, 17.6424,
16.8982

■ 7.7514, 10.7790,
16.1402

■ 20.4442, 18.7681,
17.0133

■ 7.5269, 10.5498,
16.1078

■ 22.5681, 19.9906,
17.1373

■ 7.4353, 10.4539,
16.0942

■ 24.8827, 21.3124,
17.2705

■ 27.3926, 22.7362,
17.4130

Harmonies

Analogous

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



11.2844, 13.3688, 14.2087



11.4114, 13.3688, 16.4470



11.8798, 13.3688, 18.3359

Triad

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



11.4114, 13.3688, 16.4470



13.9656, 13.3688, 17.1142



12.8294, 13.3688, 10.7184

Complementary

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



11.4114, 13.3688, 16.4470



10.8854, 10.0321, 9.1477

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.



13.5709, 13.3688, 11.3355



11.4114, 13.3688, 16.4470



14.2436, 13.3688, 14.9096

Square

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



11.4114, 13.3688, 16.4470



13.3507, 13.3688, 18.7477



14.0964, 13.3688, 12.8164



12.0836, 13.3688, 11.0415

Rectangle

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



11.4114, 13.3688, 16.4470



12.3331, 13.3688, 19.0656



14.0964, 13.3688, 12.8164



13.0877, 13.3688, 10.8209

Sweetspot

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



11.4118, 13.3693, 16.4473



24.0319, 26.1738, 29.6927



10.4186, 13.3094, 10.1770



5.5278, 6.0513, 6.9054



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.4118, 13.3693, 16.4473



19.3628, 23.2544, 29.3753



10.0801, 10.7060, 16.0034



3.1642, 3.4568, 3.9353



8.6892, 12.2127, 18.8216



44.0080, 61.6946, 95.8150

Inverse Universe

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



11.9033, 10.1981, 15.2515



20.4178, 16.5399, 26.7881



12.0546, 12.3704, 9.5375



3.2087, 3.1604, 3.8293



10.1328, 4.9052, 14.8596



51.4960, 24.9403, 75.0057

Previews

White Background



This preview shows how the XYZ color 11.4114, 13.3688, 16.4470 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



This preview shows how the XYZ color 11.4114, 13.3688, 16.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

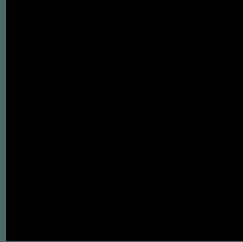
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4114, 13.3688, 16.4470

Background



This preview shows how black text looks on a background with the XYZ color 11.4114, 13.3688, 16.4470.



This preview shows how white text looks on a background with the XYZ color 11.4114, 13.3688,

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

11.4114, 13.3688, 16.4470

Protanopia

12.8487, 13.2315, 15.5124

Deuteranopia

13.5154, 13.2595, 16.8859



Tritanopia

11.7282, 13.3397, 18.1763

Trichromacy



Original Color

11.4114, 13.3688, 16.4470

Protanomaly

12.2234, 13.1949, 15.8126

Deuteranomaly

12.6028, 13.2252, 16.6403

Tritanomaly

11.6143, 13.2942, 17.5767

Monochromacy



Original Color

11.4114, 13.3688, 16.4470

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.6132, 12.7573, 14.6823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4114, 13.3688, 16.4470 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(81, 107, 109) looks like.

```
.text, #text, p{  
    color:rgb(81, 107, 109)  
}
```

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(81, 107, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 107, 109) }
```

Border

The CSS property to change the border of an element to XYZ 11.4114, 13.3688, 16.4470 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(81, 107, 109) }
```


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

```
.border{ border-color:rgb(81, 107, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 107, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 107, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 107, 109);  
box-shadow:4px 4px 4px 4px rgb(81, 107,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4114, 13.3688, 16.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 107, 109) }
```

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

```
.background{ background-color: rgb(81, 107,  
109) }
```

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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