

Converting Colors

XYZ(11.1506, 10.9400, 15.3828)

Have a look what the booklet for
XYZ(11.1506, 10.9400, 15.3828)
contains.

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Color

**XYZ(11.2188, 11.0305,
15.4477)**

Conversions

Conversions Part 1

Format	Color
Hex	605B6B
RGB	96, 91, 107
RGB Percent	38%, 36%, 42%
CMY	0.6235, 0.6431, 0.5804
CMYK	0.10, 0.15, 0.00, 0.58
HSL	259°, 8%, 39%
HSV	259°, 15%, 42%
XYZ	11.2188, 11.0305, 15.4477
YIQ	94.3190, -2.1560, 6.0360

Conversions

Conversions Part 2

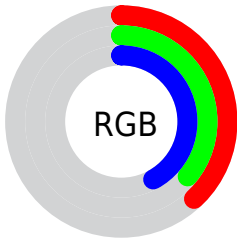
Format	Color
R_{YB}	96, 91, 107
Decimal	6314859
CIE _{Lab}	39.63, 5.47, -8.39
CIE _{LCh}	40, 10.022, 303.113
Yxy	11.0305, 0.2976, 0.2926
Android (android.graphics.Color)	4284504939 (0xFF605B6B)
YUV	94.3190, 6.2517, 1.4742
Hunter-Lab	33.2122, 2.1745, -4.3285

Details

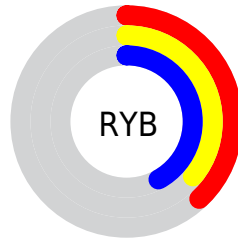
The XYZ color **11.2188, 11.0305, 15.4477** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6259, 14.0958, 11.9533**, and the grayscale version is **10.7011, 11.2584, 12.2604**.

A 20% lighter version of the original color is **27.7291, 27.7214, 36.2370**, and **3.0694, 2.8811, 4.6693** is the 20% darker color. If you saturate the color by 10%, you get **9.6305, 8.9495, 15.1299**, and if you desaturate by 10%, it is **13.0107, 13.4107, 15.8128**.

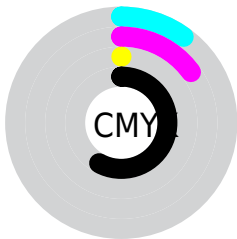
Distribution



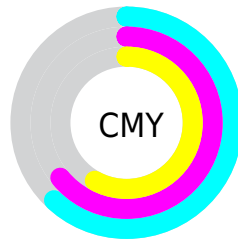
- Red (38%)
- Green (36%)
- Blue (42%)



- Red (38%)
- Yellow (36%)
- Blue (42%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (58%)



- Cyan (62%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2188, 11.0305, 15.4477 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 11.2188, 11.0305, 15.4477 by changing the saturation by 10% instead.

■ 11.2188, 11.0305,
15.4477

■ 11.2188, 11.0305,
15.4477

193.0400,
197.8767, 237.7937

■ 6.2826, 6.0874,
8.9841

■ 27.6934, 27.7166,
36.3900

■ 3.0599, 2.8983,
4.6341

■ 39.9626, 40.2283,
51.7058

■ 1.1855, 1.0789,
1.9793

■ 55.4067, 56.0316,
70.8095

■ 0.0949, 0.0000,
0.5425

■ 74.3912, 75.5110,
94.1194

■ 0.0000, 0.0000,
0.0000

■ 97.2814, 99.0508,
122.0543

124.4427,

127.0354, 155.0326

156.2405,
159.8492, 193.4729

■ 11.2188, 11.0305,
15.4477

■ 11.2188, 11.0305,
15.4477

■ 9.6305, 8.9495,
15.1299

■ 13.0107, 13.4107,
15.8128

■ 8.2373, 7.1543,
14.8568

■ 15.0122, 16.0999,
16.2264

■ 7.0315, 5.6325,
14.6267

■ 17.2304, 19.1094,
16.6904

■ 6.0047, 4.3703,
14.4371

■ 19.6718, 22.4495,
17.2064

■ 5.1477, 3.3526,
14.2859

■ 22.3423, 26.1297,
17.7760

■ 4.4503, 2.5627,
14.1702

■ 25.2481, 30.1595,
18.4007

■ 3.9012, 1.9819,
14.0870

■ 28.3946, 34.5478,
19.0819

■ 3.4807, 1.5749,
14.0306

■ 31.7874, 39.3033,
19.8210

■ 3.2950, 1.3921,
14.0051

■ 35.4319, 44.4344,
20.6193

Harmonies

Analogous

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



10.5557, 11.0305, 16.1754



11.2188, 11.0305, 15.4477



11.7008, 11.0305, 13.7946

Triad

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



11.2188, 11.0305, 15.4477



11.0899, 11.0305, 8.9558



9.2256, 11.0305, 12.2159

Complementary

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



11.2188, 11.0305, 15.4477



12.6259, 14.0958, 11.9533

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.



9.3549, 11.0305, 10.3870



11.2188, 11.0305, 15.4477



10.4129, 11.0305, 8.6297

Square

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



11.2188, 11.0305, 15.4477



11.6242, 11.0305, 10.0689



9.7823, 11.0305, 9.1249



9.4212, 11.0305, 14.1866

Rectangle

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



11.2188, 11.0305, 15.4477



11.8441, 11.0305, 12.4675



9.7823, 11.0305, 9.1249



9.2325, 11.0305, 11.5645

Sweetspot

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



11.2191, 11.0310, 15.4479



23.5832, 24.3957, 28.3736



11.7396, 12.8281, 15.7674



5.6574, 5.8370, 6.8572



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.



11.2191, 11.0310, 15.4479



19.0365, 18.3665, 27.4495



12.0810, 11.4753, 15.4883



3.0292, 3.0668, 3.8672



3.9790, 1.6783, 17.0365



19.4704, 8.1370, 86.7706

Inverse Universe

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



12.2031, 11.5677, 14.1605



21.1784, 19.5357, 24.6145



11.7830, 13.6612, 11.9139



3.1793, 3.1486, 3.6745



8.8486, 4.3915, 8.0970



44.6833, 22.2153, 39.1306

Previews

White Background



This preview shows how the XYZ color 11.2188, 11.0305, 15.4477 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 11.2188, 11.0305, 15.4477 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 11.2188, 11.0305, 15.4477

Background



This preview shows how black text looks on a background with the XYZ color 11.2188, 11.0305, 15.4477.



This preview shows how white text looks on a background with the XYZ color 11.2188, 11.0305,

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

11.2188, 11.0305, 15.4477

Protanopia

10.9355, 11.1356, 15.7604

Deuteranopia

11.2188, 11.0305, 15.4477



Tritanopia

10.8467, 11.0073, 13.6095

Trichromacy



Original Color

11.2188, 11.0305, 15.4477

Protanomaly

11.0481, 11.0642, 15.7407

Deuteranomaly

11.2188, 11.0305, 15.4477

Tritanomaly

10.9946, 11.0665, 14.3885

Monochromacy



Original Color

11.2188, 11.0305, 15.4477

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.8858, 11.1625, 13.3852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2188, 11.0305, 15.4477 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(96, 91, 107) looks like.

```
.text, #text, p{  
    color:rgb(96, 91, 107)  
}
```

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(96, 91, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 91, 107) }
```

Border

The CSS property to change the border of an element to XYZ 11.2188, 11.0305, 15.4477 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(96, 91, 107) }
```


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

```
.border{ border-color:rgb(96, 91, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 91, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 91, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 91, 107);  
box-shadow:4px 4px 4px 4px rgb(96, 91,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2188, 11.0305, 15.4477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 91, 107) }
```

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

```
.background{ background-color: rgb(96, 91,  
107) }
```

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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