

Converting Colors

XYZ(11.5768, 11.7029, 15.9717)

Have a look what the booklet for
XYZ(11.5768, 11.7029, 15.9717)
contains.

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Color

**XYZ(11.5183, 11.7000,
15.8386)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5F6C
RGB	95, 95, 108
RGB Percent	37%, 37%, 42%
CMY	0.6274, 0.6274, 0.5765
CMYK	0.12, 0.12, 0.00, 0.58
HSL	240°, 6%, 40%
HSV	240°, 12%, 42%
XYZ	11.5183, 11.7000, 15.8386
YIQ	96.4820, -4.1730, 4.0430

Conversions

Conversions Part 2

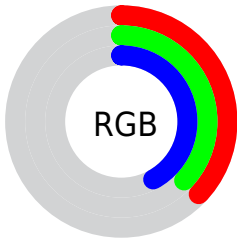
Format	Color
R_{YB}	95, 95, 108
Decimal	6250348
CIE Lab	40.74, 2.88, -7.36
CIE LCh	41, 7.908, 291.372
Yxy	11.7000, 0.2949, 0.2996
Android (android.graphics.Color)	4284440428 (0xFF5F5F6C)
YUV	96.4820, 5.6784, -1.2997
Hunter-Lab	34.2053, 0.2490, -3.5103

Details

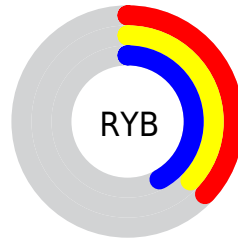
The XYZ color **11.5183, 11.7000, 15.8386** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6126, 14.7395, 12.9543**, and the grayscale version is **11.2230, 11.8075, 12.8584**.

A 20% lighter version of the original color is **28.0605, 28.7737, 36.8758**, and **3.2072, 3.1865, 4.8609** is the 20% darker color. If you saturate the color by 10%, you get **9.5671, 9.3490, 15.4878**, and if you desaturate by 10%, it is **13.7607, 14.4019, 16.2421**.

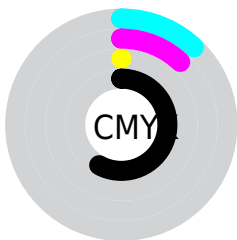
Distribution



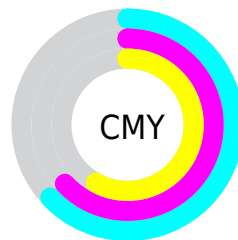
- Red (37%)
- Green (37%)
- Blue (42%)



- Red (37%)
- Yellow (37%)
- Blue (42%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (63%)
- Yellow (58%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5183, 11.7000, 15.8386 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 11.5183, 11.7000, 15.8386 by changing the saturation by 10% instead.

■ 11.5183, 11.7000,
15.8386

■ 11.5183, 11.7000,
15.8386

195.0254,
202.4090, 240.2005

■ 6.4864, 6.5397,
9.2569

■ 28.2392, 28.9475,
37.0807

■ 3.1865, 3.1760,
4.8100

■ 40.6590, 41.8036,
52.5781

■ 1.2531, 1.2243,
2.0795

■ 56.2721, 57.9937,
71.8845

■ 0.1477, 0.0814,
0.6035

■ 75.4440, 77.9023,
95.4185

■ 0.0000, 0.0000,
0.0000

98.5398, 101.9137,
123.5986

125.9252,

130.4123, 156.8432

157.9652,
163.7826, 195.5710

■ 11.5183, 11.7000,
15.8386

■ 11.5183, 11.7000,
15.8386

■ 9.5671, 9.3490,
15.4878

■ 13.7607, 14.4019,
16.2421

■ 7.8941, 7.3332,
15.1869

■ 16.3043, 17.4668,
16.6996

■ 6.4870, 5.6377,
14.9338

■ 19.1602, 20.9079,
17.2133

■ 5.3321, 4.2461,
14.7261

■ 22.3385, 24.7374,
17.7850

■ 4.4144, 3.1404,
14.5610

■ 25.8487, 28.9668,
18.4163

■ 3.7176, 2.3008,
14.4357

■ 29.7001, 33.6074,
19.1091

■ 3.2231, 1.7049,
14.3467

■ 33.9016, 38.6698,
19.8647

■ 2.9079, 1.3251,
14.2900

■ 38.4618, 44.1642,
20.6849

■ 2.7069, 1.0829,
14.2539

■ 43.3888, 50.1007,
21.5711

Harmonies

Analogous

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



10.9594, 11.7000, 16.0447



11.5183, 11.7000, 15.8386



11.9848, 11.7000, 14.7671

Triad

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



11.5183, 11.7000, 15.8386



11.8077, 11.7000, 10.4748



10.0876, 11.7000, 12.2814

Complementary

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



11.5183, 11.7000, 15.8386



13.6126, 14.7395, 12.9543

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.



10.2988, 11.7000, 10.9062



11.5183, 11.7000, 15.8386



11.2831, 11.7000, 9.9222

Square

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



11.5183, 11.7000, 15.8386



12.1557, 11.7000, 11.6462



10.7320, 11.7000, 10.0732



10.1458, 11.7000, 13.8988

Rectangle

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



11.5183, 11.7000, 15.8386



12.1745, 11.7000, 13.7519



10.7320, 11.7000, 10.0732



10.1292, 11.7000, 11.7777

Sweetspot

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



11.5187, 11.7005, 15.8389



23.2998, 24.2497, 28.3603



12.7774, 14.2363, 16.2016



5.5791, 5.7967, 6.8536



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.



11.5187, 11.7005, 15.8389



19.3742, 19.5197, 27.6543



12.1978, 12.0505, 15.8706



2.9484, 3.0252, 3.8634



3.2287, 1.2916, 17.0014



16.4511, 6.5808, 86.6293

Inverse Universe

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



12.3424, 12.1991, 12.5311



21.0758, 20.5496, 20.8217



12.8758, 14.3598, 12.9199



3.0998, 3.1168, 3.2557



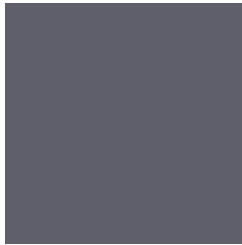
7.3765, 3.8027, 0.3455



37.5865, 19.3766, 1.7595

Previews

White Background



This preview shows how the XYZ color 11.5183, 11.7000, 15.8386 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 11.5183, 11.7000, 15.8386 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

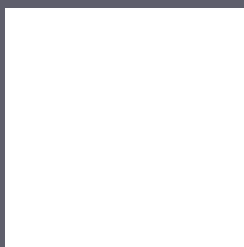
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5183, 11.7000, 15.8386

Background



This preview shows how black text looks on a background with the XYZ color 11.5183, 11.7000, 15.8386.

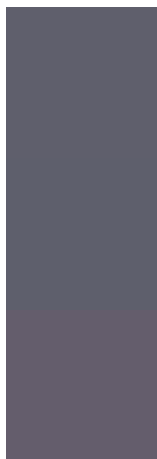


This preview shows how white text looks on a background with the XYZ color 11.5183, 11.7000,

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

11.5183, 11.7000, 15.8386

Protanopia

11.4151, 11.6468, 15.8338

Deuteranopia

11.8767, 11.6207, 15.8044



Tritanopia

11.2471, 11.7247, 14.5023

Trichromacy



Original Color

11.5183, 11.7000, 15.8386

Protanomaly

11.4151, 11.6468, 15.8338

Deuteranomaly

11.7465, 11.6848, 15.8236

Tritanomaly

11.3488, 11.7653, 15.0374

Monochromacy



Original Color

11.5183, 11.7000, 15.8386

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.3070, 11.7726, 13.7330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5183, 11.7000, 15.8386 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, 95, 108) looks like.

```
.text, #text, p{  
    color:rgb(95, 95, 108)  
}
```

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, 95, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 95, 108) }
```

Border

The CSS property to change the border of an element to XYZ 11.5183, 11.7000, 15.8386 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, 95, 108) }
```


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

```
.border{ border-color:rgb(95, 95, 108) }
```

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

Here you see how a box with a 4 pixel rgb(95, 95, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 95, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 95, 108);  
box-shadow:4px 4px 4px 4px rgb(95, 95,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5183, 11.7000, 15.8386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 95, 108) }
```

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

```
.background{ background-color: rgb(95, 95,  
108) }
```

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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