

Converting Colors

XYZ(11.0788, 11.2454, 18.8554)

Have a look what the booklet for
XYZ(11.0788, 11.2454, 18.8554)
contains.

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Color

**XYZ(11.1105, 11.2918,
18.7335)**

Conversions

Conversions Part 1

Format	Color
Hex	565E76
RGB	86, 94, 118
RGB Percent	34%, 37%, 46%
CMY	0.6627, 0.6314, 0.5373
CMYK	0.27, 0.20, 0.00, 0.54
HSL	225°, 16%, 40%
HSV	225°, 27%, 46%
XYZ	11.1105, 11.2918, 18.7335
YIQ	94.3440, -12.4720, 5.7680

Conversions

Conversions Part 2

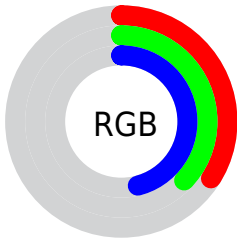
Format	Color
R_{YB}	86, 92, 118
Decimal	5660278
CIE _{Lab}	40.07, 2.80, -14.57
CIE _{LCh}	40, 14.836, 280.896
Yxy	11.2918, 0.2701, 0.2745
Android (android.graphics.Color)	4283850358 (0xFF565E76)
YUV	94.3440, 11.6624, -7.3177
Hunter-Lab	33.6033, 0.2131, -9.5313

Details

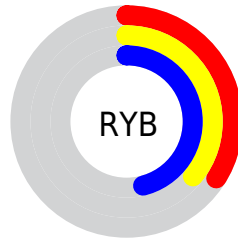
The XYZ color **11.1105, 11.2918, 18.7335** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7272, 15.6757, 11.0541**, and the grayscale version is **10.6964, 11.2534, 12.2550**.

A 20% lighter version of the original color is **27.3823, 28.0830, 42.0076**, and **3.0375, 3.0072, 6.2147** is the 20% darker color. If you saturate the color by 10%, you get **9.3701, 9.2928, 18.4396**, and if you desaturate by 10%, it is **13.1213, 13.5647, 19.0664**.

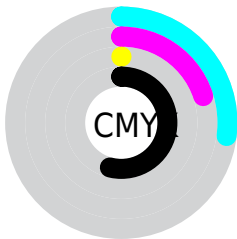
Distribution



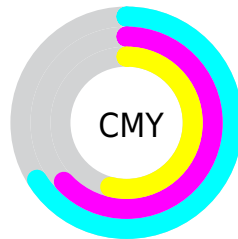
- Red (34%)
- Green (37%)
- Blue (46%)



- Red (34%)
- Yellow (36%)
- Blue (46%)



- Cyan (27%)
- Magenta (20%)
- Yellow (0%)
- Black (54%)



- Cyan (66%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1105, 11.2918, 18.7335 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 11.1105, 11.2918, 18.7335 by changing the saturation by 10% instead.

■ 11.1105, 11.2918,
18.7335

■ 11.1105, 11.2918,
18.7335

192.3168,
199.6587, 257.3471

■ 6.2090, 6.2635,
11.3030

■ 27.4955, 28.1985,
42.1140

■ 3.0145, 3.0059,
6.1543

■ 39.7097, 40.8457,
58.9010

■ 1.1614, 1.1348,
2.8688

■ 55.0922, 56.8012,
79.6440

■ 0.0756, 0.0075,
1.0281

■ 74.0084, 76.4495,
104.7615

■ 0.0000, 0.0000,
0.0000

■ 96.8236, 100.1751,
134.6720

123.9031,

128.3622, 169.7941

155.6124,
161.3952, 210.5463

■ 11.1105, 11.2918,
18.7335

■ 11.1105, 11.2918,
18.7335

■ 9.3701, 9.2928,
18.4396

■ 13.1213, 13.5647,
19.0664

■ 7.8872, 7.5557,
18.1824

■ 15.4124, 16.1202,
19.4389

■ 6.6494, 6.0697,
17.9608

■ 17.9948, 18.9682,
19.8525

■ 5.6428, 4.8226,
17.7732

■ 20.8783, 22.1178,
20.3085

■ 4.8521, 3.8010,
17.6177

■ 24.0723, 25.5775,
20.8079

■ 4.2599, 2.9903,
17.4924

■ 27.5859, 29.3556,
21.3520

■ 3.8305, 2.3657,
17.3945

■ 31.4277, 33.4602,
21.9418

■ 3.7217, 2.2114,
17.3704

■ 35.6060, 37.8989,
22.5783

■ 40.1288, 42.6792,
23.2626

Harmonies

Analogous

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



10.0985, 11.2918, 18.4572



11.1105, 11.2918, 18.7335



12.0793, 11.2918, 17.0895

Triad

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



11.1105, 11.2918, 18.7335



12.2970, 11.2918, 8.9487



8.9710, 11.2918, 10.5336

Complementary

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



11.1105, 11.2918, 18.7335



14.7272, 15.6757, 11.0541

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.



9.4898, 11.2918, 8.4930



11.1105, 11.2918, 18.7335



11.3925, 11.2918, 7.6840

Square

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



11.1105, 11.2918, 18.7335



12.7929, 11.2918, 11.2555



10.3632, 11.2918, 7.5317



8.9062, 11.2918, 13.3962

Rectangle

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



11.1105, 11.2918, 18.7335



12.5538, 11.2918, 15.2589



10.3632, 11.2918, 7.5317



9.0965, 11.2918, 9.7419

Sweetspot

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



11.1109, 11.2923, 18.7338



26.6395, 27.8336, 34.1054



13.1310, 16.0614, 17.1602



6.0037, 6.2648, 7.8218



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.1109, 11.2923, 18.7338



17.4330, 17.4462, 32.5856



11.2143, 10.3437, 18.5452



3.5682, 3.7250, 4.6212



4.0173, 2.3742, 18.7891



18.9881, 10.3927, 91.3655

Inverse Universe

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



12.8197, 11.3157, 12.0985



21.0406, 17.6165, 18.5509



14.5889, 16.9440, 11.3062



3.7180, 3.7145, 4.0420



8.3249, 4.2637, 1.6530



40.2710, 20.6585, 6.4907

Previews

White Background



This preview shows how the XYZ color 11.1105, 11.2918, 18.7335 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 11.1105, 11.2918, 18.7335 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

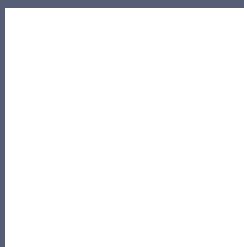
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1105, 11.2918, 18.7335

Background



This preview shows how black text looks on a background with the XYZ color 11.1105, 11.2918, 18.7335.



This preview shows how white text looks on a background with the XYZ color 11.1105, 11.2918,

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

11.1105, 11.2918, 18.7335

Protanopia

11.2089, 11.2114, 18.7128

Deuteranopia

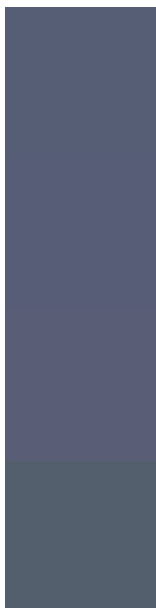
11.4115, 11.1864, 18.6973



Tritanopia

10.2488, 11.2042, 14.7192

Trichromacy



Original Color

11.1105, 11.2918, 18.7335

Protanomaly

11.1148, 11.1629, 18.7084

Deuteranomaly

11.3042, 11.2606, 18.7172

Tritanomaly

10.5087, 11.1734, 16.0708

Monochromacy



Original Color

11.1105, 11.2918, 18.7335

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.7653, 11.2088, 14.4281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1105, 11.2918, 18.7335 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(86, 94, 118) looks like.

```
.text, #text, p{  
    color:rgb(86, 94, 118)  
}
```

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(86, 94, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 94, 118) }
```

Border

The CSS property to change the border of an element to XYZ 11.1105, 11.2918, 18.7335 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(86, 94, 118) }
```


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

```
.border{ border-color:rgb(86, 94, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 94, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 94, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 94, 118);  
box-shadow:4px 4px 4px 4px rgb(86, 94,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1105, 11.2918, 18.7335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 94, 118) }
```

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

```
.background{ background-color: rgb(86, 94,  
118) }
```

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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