

Converting Colors

XYZ(11.1878, 11.8389, 17.2304)

Have a look what the booklet for
XYZ(11.1878, 11.8389, 17.2304)
contains.

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Color

**XYZ(11.1858, 11.7679,
17.3047)**

Conversions

Conversions Part 1

Format	Color
Hex	576171
RGB	87, 97, 113
RGB Percent	34%, 38%, 44%
CMY	0.6588, 0.6196, 0.5569
CMYK	0.23, 0.14, 0.00, 0.56
HSL	217°, 13%, 39%
HSV	217°, 23%, 44%
XYZ	11.1858, 11.7679, 17.3047
YIQ	95.8340, -11.0960, 2.8560

Conversions

Conversions Part 2

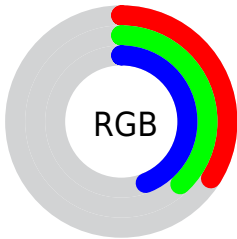
Format	Color
R_{YB}	87, 94, 113
Decimal	5726577
CIE Lab	40.84, 0.01, -10.33
CIE LCh	41, 10.326, 270.031
Yxy	11.7679, 0.2779, 0.2923
Android (android.graphics.Color)	4283916657 (0xFF576171)
YUV	95.8340, 8.4628, -7.7474
Hunter-Lab	34.3044, -1.8283, -5.8955

Details

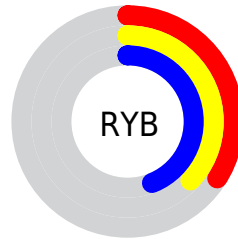
The XYZ color **11.1858, 11.7679, 17.3047** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3807, 13.8993, 10.9946**, and the grayscale version is **11.0604, 11.6364, 12.6720**.

A 20% lighter version of the original color is **27.6980, 29.2148, 39.7765**, and **3.0524, 3.2207, 5.4618** is the 20% darker color. If you saturate the color by 10%, you get **9.5978, 10.0372, 17.0545**, and if you desaturate by 10%, it is **12.9961, 13.6974, 17.5819**.

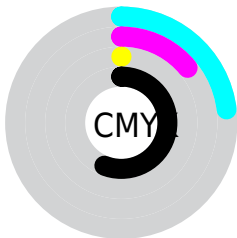
Distribution



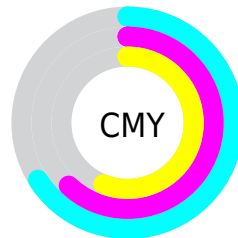
- Red (34%)
- Green (38%)
- Blue (44%)



- Red (34%)
- Yellow (37%)
- Blue (44%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)
- Black (56%)



- Cyan (66%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1858, 11.7679, 17.3047 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 11.1858, 11.7679, 17.3047 by changing the saturation by 10% instead.

■ 11.1858, 11.7679,
17.3047

■ 11.1858, 11.7679,
17.3047

192.8199,
202.8626, 249.0253

■ 6.2602, 6.5858,
10.2877

■ 27.6331, 29.0717,
39.6467

■ 3.0461, 3.2045,
5.4820

■ 39.8856, 41.9622,
55.8089

■ 1.1782, 1.2394,
2.4691

■ 55.3110, 58.1909,
75.8565

■ 0.0890, 0.0935,
0.8237

■ 74.2747, 78.1424,
100.2081

■ 0.0000, 0.0000,
0.0000

■ 97.1421, 102.2009,
129.2822

124.2785,

130.7508, 163.4974

156.0493,
164.1766, 203.2723

■ 11.1858, 11.7679,
17.3047

■ 11.1858, 11.7679,
17.3047

■ 9.5978, 10.0372,
17.0545

■ 12.9961, 13.6974,
17.5819

■ 8.2218, 8.4969,
16.8298

■ 15.0361, 15.8307,
17.8862

■ 7.0485, 7.1404,
16.6298

■ 17.3142, 18.1745,
18.2185

■ 6.0672, 5.9599,
16.4536

■ 19.8382, 20.7346,
18.5796

■ 5.2663, 4.9469,
16.3003

■ 22.6153, 23.5166,
18.9702

■ 4.6328, 4.0921,
16.1687

■ 25.6526, 26.5260,
19.3910

■ 4.1501, 3.3842,
16.0575

■ 28.9567, 29.7680,
19.8426

■ 3.8617, 2.9543,
15.9897

■ 32.5343, 33.2476,
20.3257

■ 36.3914, 36.9698,
20.8409

Harmonies

Analogous

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



10.4934, 11.7679, 16.6515



11.1858, 11.7679, 17.3047



11.9078, 11.7679, 16.6489

Triad

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



11.1858, 11.7679, 17.3047



12.4545, 11.7679, 10.8914



10.0042, 11.7679, 10.8948

Complementary

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



11.1858, 11.7679, 17.3047



13.3807, 13.8993, 10.9946

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.



10.4922, 11.7679, 9.6172



11.1858, 11.7679, 17.3047



11.9064, 11.7679, 9.6154

Square

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



11.1858, 11.7679, 17.3047



12.6595, 11.7679, 12.8111



11.1843, 11.7679, 9.1751



9.8297, 11.7679, 12.8154

Rectangle

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



11.1858, 11.7679, 17.3047



12.3042, 11.7679, 15.5948



11.1843, 11.7679, 9.1751



10.1359, 11.7679, 10.3838

Sweetspot

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



11.1862, 11.7684, 17.3050



25.3470, 26.7060, 31.7943



12.2640, 14.8080, 14.9390



5.8302, 6.1431, 7.3482



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.1862, 11.7684, 17.3050



18.3504, 19.2511, 30.7241



10.5667, 10.1625, 17.0277



3.3131, 3.4914, 4.2535



4.3621, 3.3145, 18.1315



20.9482, 14.9482, 90.0603

Inverse Universe

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



12.3762, 11.1904, 12.8175



20.9379, 18.1110, 20.9407



14.1059, 15.8393, 11.3309



3.4327, 3.4208, 3.8052



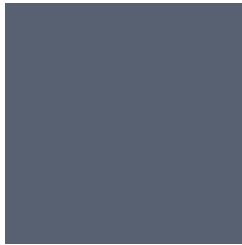
8.2201, 4.1804, 2.9691



40.5536, 20.6668, 12.7136

Previews

White Background



This preview shows how the XYZ color 11.1858, 11.7679, 17.3047 looks on a white background.

Color Contrast Check

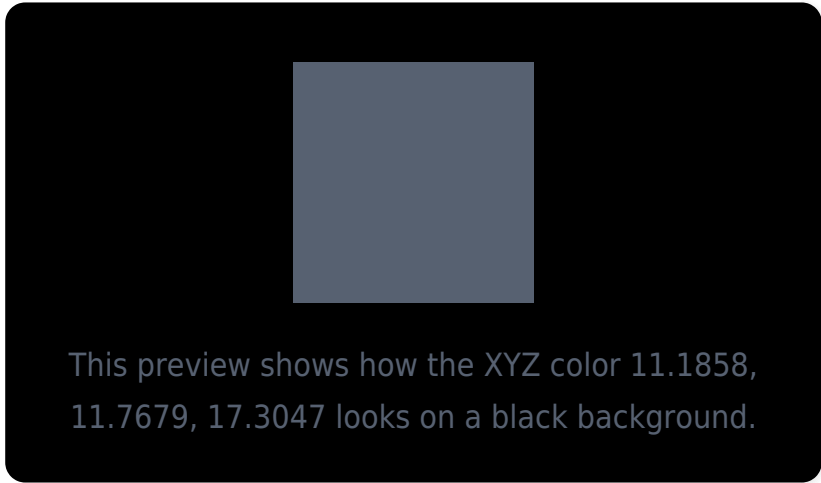
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

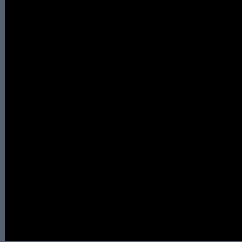
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

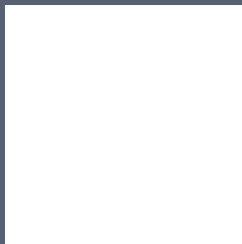
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1858, 11.7679, 17.3047

Background



This preview shows how black text looks on a background with the XYZ color 11.1858, 11.7679, 17.3047.



This preview shows how white text looks on a background with the XYZ color 11.1858, 11.7679,

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

11.1858, 11.7679, 17.3047

Protanopia

11.5310, 11.6814, 16.9762

Deuteranopia

11.9697, 11.7617, 17.5590



Tritanopia

10.8070, 11.7544, 15.3349

Trichromacy



Original Color

11.1858, 11.7679, 17.3047

Protanomaly

11.4219, 11.7597, 16.9971

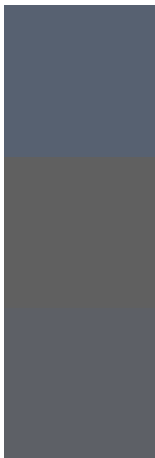
Deuteranomaly

11.6437, 11.7265, 17.5693

Tritanomaly

10.9658, 11.8179, 16.1711

Monochromacy



Original Color

11.1858, 11.7679, 17.3047

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.0953, 11.6522, 14.2347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1858, 11.7679, 17.3047 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(87, 97, 113)` looks like.

```
.text, #text, p{  
    color:rgb(87, 97, 113)  
}
```

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(87, 97, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 97, 113) }
```

Border

The CSS property to change the border of an element to XYZ 11.1858, 11.7679, 17.3047 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(87, 97, 113) }
```


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

```
.border{ border-color:rgb(87, 97, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 97, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 97, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 97, 113);  
box-shadow:4px 4px 4px 4px rgb(87, 97,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1858, 11.7679, 17.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 97, 113) }
```

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

```
.background{ background-color: rgb(87, 97,  
113) }
```

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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