

Converting Colors

XYZ(11.8742, 12.5343, 15.9998)

Have a look what the booklet for
XYZ(11.8742, 12.5343, 15.9998)
contains.

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Color

**XYZ(11.8800, 12.5767,
15.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	5E646C
RGB	94, 100, 108
RGB Percent	37%, 39%, 42%
CMY	0.6314, 0.6078, 0.5765
CMYK	0.13, 0.07, 0.00, 0.58
HSL	214°, 7%, 40%
HSV	214°, 13%, 42%
XYZ	11.8800, 12.5767, 15.9888
YIQ	99.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

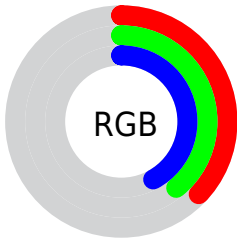
Format	Color
R_{YB}	94, 98, 108
Decimal	6186092
CIE Lab	42.12, -0.52, -5.31
CIE LCh	42, 5.336, 264.446
Yxy	12.5767, 0.2937, 0.3110
Android (android.graphics.Color)	4284376172 (0xFF5E646C)
YUV	99.1180, 4.3788, -4.4885
Hunter-Lab	35.4636, -2.2655, -1.9064

Details

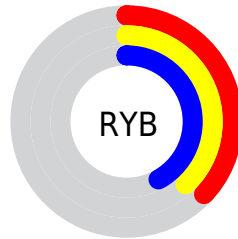
The XYZ color **11.8800, 12.5767, 15.9888** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9562, 13.4990, 12.5125**, and the grayscale version is **11.8801, 12.4988, 13.6112**.

A 20% lighter version of the original color is **28.8262, 30.5657, 37.1814**, and **3.3343, 3.5115, 4.9169** is the 20% darker color. If you saturate the color by 10%, you get **10.2796, 10.9064, 15.7510**, and if you desaturate by 10%, it is **13.6810, 14.4176, 16.2494**.

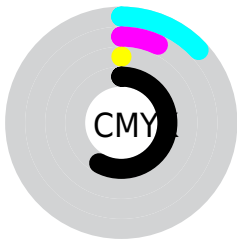
Distribution



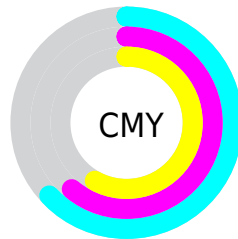
- Red (37%)
- Green (39%)
- Blue (42%)



- Red (37%)
- Yellow (38%)
- Blue (42%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8800, 12.5767, 15.9888 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 11.8800, 12.5767, 15.9888 by changing the saturation by 10% instead.

■ 11.8800, 12.5767,
15.9888

■ 11.8800, 12.5767,
15.9888

197.3954,
208.1867, 241.1191

■ 6.7336, 7.1377,
9.3620

■ 28.8951, 30.5412,
37.3453

■ 3.3409, 3.5484,
4.8780

■ 41.4946, 43.8355,
52.9120

■ 1.3365, 1.4243,
2.1184

■ 57.3091, 60.5170,
72.2958

■ 0.2103, 0.2345,
0.6267

■ 76.7041, 80.9701,
95.9151

■ 0.0000, 0.0000,
0.0000

100.0449,
105.5792, 124.1886

127.6968,

134.7288, 157.5347

160.0252,
168.8031, 196.3720

■ 11.8800, 12.5767,
15.9888

■ 11.8800, 12.5767,
15.9888

■ 10.2796, 10.9064,
15.7510

■ 13.6810, 14.4176,
16.2494

■ 8.8713, 9.3999,
15.5344

■ 15.6884, 16.4326,
16.5325

■ 7.6475, 8.0521,
15.3387

■ 17.9093, 18.6270,
16.8390

■ 6.5999, 6.8572,
15.1633

■ 20.3499, 21.0053,
17.1695

■ 5.7193, 5.8087,
15.0073

■ 23.0164, 23.5721,
17.5244

■ 4.9956, 4.8997,
14.8700

■ 25.9146, 26.3315,
17.9042

■ 4.4176, 4.1227,
14.7505

■ 29.0500, 29.2877,
18.3096

■ 3.9701, 3.4681,
14.6478

■ 32.4280, 32.4447,
18.7409

■ 3.6955, 3.0601,
14.5835

■ 36.0540, 35.8064,
19.1987

Harmonies

Analogous

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



11.5151, 12.5767, 15.5520



11.8800, 12.5767, 15.9888



12.2727, 12.5767, 15.7836

Triad

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



11.8800, 12.5767, 15.9888



12.6628, 12.5767, 12.8083



11.3430, 12.5767, 12.4608

Complementary

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



11.8800, 12.5767, 15.9888



12.9562, 13.4990, 12.5125

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.



11.6404, 12.5767, 11.7973



11.8800, 12.5767, 15.9888



12.4035, 12.5767, 11.9900

Square

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



11.8800, 12.5767, 15.9888



12.7303, 12.5767, 13.9067



12.0279, 12.5767, 11.6298



11.2095, 12.5767, 13.4833

Rectangle

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



11.8800, 12.5767, 15.9888



12.4967, 12.5767, 15.3159



12.0279, 12.5767, 11.6298



11.4268, 12.5767, 12.1907

Sweetspot

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



11.8804, 12.5772, 15.9891



23.6380, 24.9260, 28.4730



12.3738, 14.0630, 14.6155



5.6726, 5.9836, 6.8847



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.



11.8804, 12.5772, 15.9891



19.8425, 21.0290, 27.9209



11.4220, 11.5176, 15.8087



3.0452, 3.2186, 3.8956



4.3813, 3.5970, 17.3856



21.4965, 16.6715, 88.3111

Inverse Universe

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



12.4876, 12.1139, 13.7372



21.1723, 20.0529, 22.9805



13.4546, 14.6635, 12.7110



3.1486, 3.1363, 3.5128



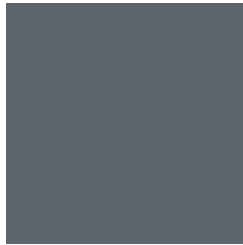
7.9584, 4.0355, 3.4093



40.1332, 20.3952, 15.1701

Previews

White Background



This preview shows how the XYZ color 11.8800, 12.5767, 15.9888 looks on a white background.

Color Contrast Check

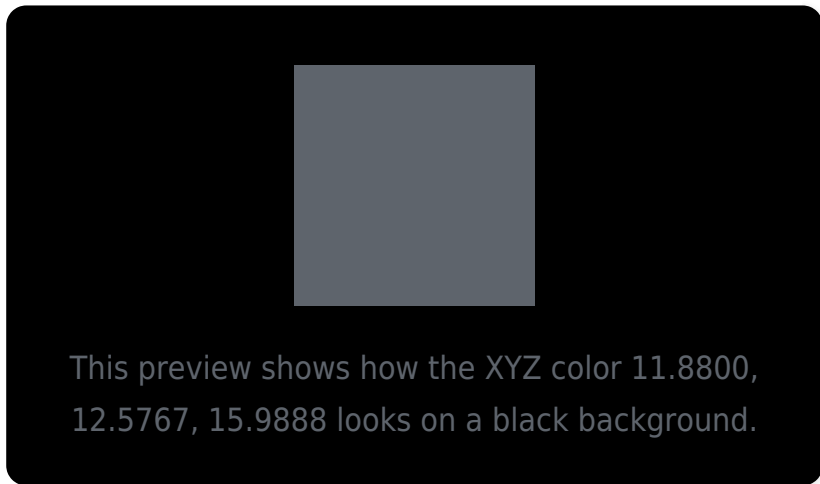
Large Text (above 18pt) WCAG AA ✓ Pass

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

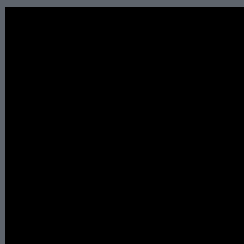
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

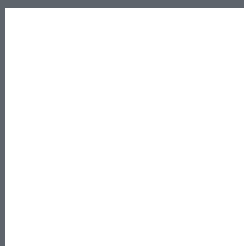
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.8800, 12.5767, 15.9888

Background



This preview shows how black text looks on a background with the XYZ color 11.8800, 12.5767, 15.9888.

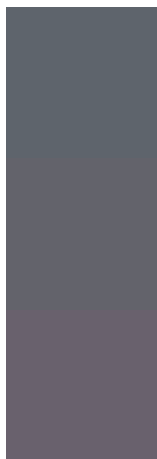


This preview shows how white text looks on a background with the XYZ color 11.8800, 12.5767,

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

11.8800, 12.5767, 15.9888

Protanopia

12.2613, 12.6379, 15.7030

Deuteranopia

12.8607, 12.6568, 16.2332



Tritanopia

11.8800, 12.5767, 15.9888

Trichromacy



Original Color

11.8800, 12.5767, 15.9888

Protanomaly

12.0454, 12.5266, 15.6929

Deuteranomaly

12.4948, 12.6062, 16.2427

Tritanomaly

11.8800, 12.5767, 15.9888

Monochromacy



Original Color

11.8800, 12.5767, 15.9888

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.7899, 12.4244, 14.3471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8800, 12.5767, 15.9888 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(94, 100, 108) looks like.

```
.text, #text, p{  
    color:rgb(94, 100, 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(94, 100, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 100, 108) }
```

Border

The CSS property to change the border of an element to XYZ 11.8800, 12.5767, 15.9888 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(94, 100, 108) }
```


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

```
.border{ border-color:rgb(94, 100, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 100, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 100, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 100, 108); box-shadow:4px 4px 4px 4px rgb(94, 100, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8800, 12.5767, 15.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 100, 108) }
```

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

```
.background{ background-color: rgb(94, 100,  
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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