

Converting Colors

XYZ(11.8294, 12.5121, 17.5575)

Have a look what the booklet for
XYZ(11.8294, 12.5121, 17.5575)
contains.

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Color

**XYZ(11.8522, 12.5307,
17.4168)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6471
RGB	91, 100, 113
RGB Percent	36%, 39%, 44%
CMY	0.6431, 0.6078, 0.5569
CMYK	0.19, 0.12, 0.00, 0.56
HSL	215°, 11%, 40%
HSV	215°, 19%, 44%
XYZ	11.8522, 12.5307, 17.4168
YIQ	98.7910, -9.5370, 2.1350

Conversions

Conversions Part 2

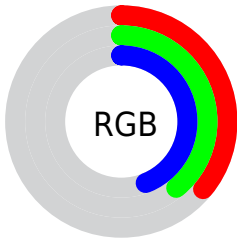
Format	Color
R_{YB}	91, 97, 113
Decimal	5989489
CIE _{Lab}	42.05, -0.41, -8.49
CIE _{LCh}	42, 8.495, 267.262
Yxy	12.5307, 0.2835, 0.2998
Android (android.graphics.Color)	4284179569 (0xFF5B6471)
YUV	98.7910, 7.0050, -6.8327
Hunter-Lab	35.3987, -2.1824, -4.3926

Details

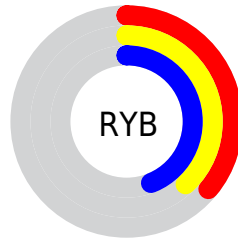
The XYZ color **11.8522, 12.5307, 17.4168** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6489, 14.1668, 11.9130**, and the grayscale version is **11.7921, 12.4062, 13.5104**.

A 20% lighter version of the original color is **28.8426, 30.5126, 39.9667**, and **3.3094, 3.4857, 5.4994** is the 20% darker color. If you saturate the color by 10%, you get **10.2067, 10.7707, 17.1640**, and if you desaturate by 10%, it is **13.7187, 14.4833, 17.6955**.

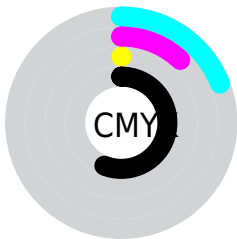
Distribution



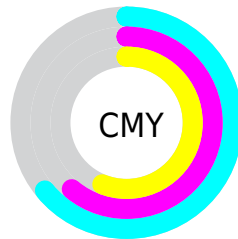
- Red (36%)
- Green (39%)
- Blue (44%)



- Red (36%)
- Yellow (38%)
- Blue (44%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8522, 12.5307, 17.4168 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 11.8522, 12.5307, 17.4168 by changing the saturation by 10% instead.

■ 11.8522, 12.5307,
17.4168

■ 11.8522, 12.5307,
17.4168

197.2143,
207.8877, 249.6877

■ 6.7146, 7.1062,
10.3670

■ 28.8448, 30.4580,
39.8414

■ 3.3290, 3.5286,
5.5342

■ 41.4306, 43.7297,
56.0534

■ 1.3300, 1.4135,
2.4998

■ 57.2297, 60.3858,
76.1565

■ 0.2055, 0.2267,
0.8401

■ 76.6077, 80.8108,
100.5692

■ 0.0000, 0.0000,
0.0000

99.9297, 105.3891,
129.7102

127.5613,

134.5051, 163.9979

159.8677,
168.5432, 203.8509

■ 11.8522, 12.5307,
17.4168

■ 11.8522, 12.5307,
17.4168

■ 10.2067, 10.7707,
17.1640

■ 13.7187, 14.4833,
17.6955

■ 8.7724, 9.1952,
16.9355

■ 15.8133, 16.6329,
18.0000

■ 7.5403, 7.7982,
16.7308

■ 18.1442, 18.9857,
18.3313

■ 6.5004, 6.5723,
16.5490

■ 20.7188, 21.5473,
18.6901

■ 5.6415, 5.5099,
16.3892

■ 23.5441, 24.3230,
19.0769

■ 4.9514, 4.6023,
16.2504

■ 26.6269, 27.3178,
19.4925

■ 4.4161, 3.8400,
16.1315

■ 29.9738, 30.5366,
19.9374

■ 3.9883, 3.1962,
16.0297

■ 33.5909, 33.9842,
20.4122

■ 3.9667, 3.1644,
16.0247

■ 37.4844, 37.6651,
20.9175

Harmonies

Analogous

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



11.2660, 12.5307, 16.7799



11.8522, 12.5307, 17.4168



12.4744, 12.5307, 16.9712

Triad

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



11.8522, 12.5307, 17.4168



13.0213, 12.5307, 12.1134



10.9185, 12.5307, 11.8498

Complementary

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



11.8522, 12.5307, 17.4168



13.6489, 14.1668, 11.9130

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.



11.3629, 12.5307, 10.7825



11.8522, 12.5307, 17.4168



12.5782, 12.5307, 10.9250

Square

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



11.8522, 12.5307, 17.4168



13.1634, 12.5307, 13.8104



11.9681, 12.5307, 10.4593



10.7389, 12.5307, 13.4785

Rectangle

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



11.8522, 12.5307, 17.4168



12.8235, 12.5307, 16.1401



11.9681, 12.5307, 10.4593



11.0411, 12.5307, 11.4191

Sweetspot

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



11.8526, 12.5312, 17.4171



25.7602, 27.1681, 31.8618



12.7100, 15.0308, 15.2840



5.9189, 6.2433, 7.3629



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.



11.8526, 12.5312, 17.4171



19.9547, 21.0908, 30.9947



11.2194, 10.9933, 17.1536



3.3193, 3.5038, 4.2556



4.4808, 3.5518, 18.1710



21.5153, 16.0825, 90.2494

Inverse Universe

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



12.8517, 11.9133, 13.6792



22.0819, 19.8481, 23.0204



14.3703, 15.9562, 12.2203



3.4358, 3.4220, 3.8217



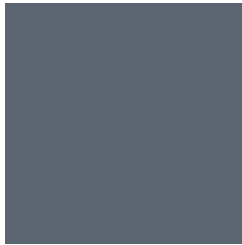
8.2800, 4.2044, 3.2845



40.8399, 20.7813, 14.2211

Previews

White Background



This preview shows how the XYZ color 11.8522, 12.5307, 17.4168 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 11.8522, 12.5307, 17.4168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

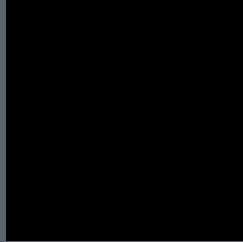
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

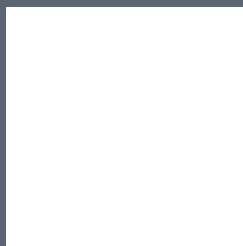
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.8522, 12.5307, 17.4168

Background



This preview shows how black text looks on a background with the XYZ color 11.8522, 12.5307, 17.4168.

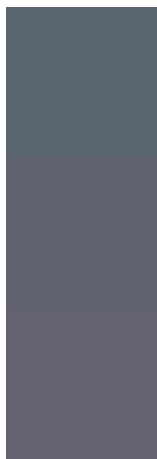


This preview shows how white text looks on a background with the XYZ color 11.8522, 12.5307,

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

11.8522, 12.5307, 17.4168

Protanopia

12.2221, 12.4466, 17.0875

Deuteranopia

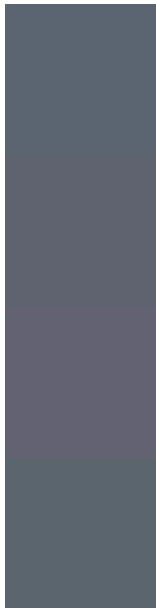
12.7914, 12.5891, 17.6753



Tritanopia

11.6304, 12.5851, 16.2842

Trichromacy



Original Color

11.8522, 12.5307, 17.4168

Protanomaly

12.1058, 12.5264, 17.1090

Deuteranomaly

12.4419, 12.5469, 17.6856

Tritanomaly

11.6846, 12.6068, 16.5694

Monochromacy



Original Color

11.8522, 12.5307, 17.4168

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.7844, 12.4100, 14.8710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8522, 12.5307, 17.4168 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(91, 100, 113) looks like.

```
.text, #text, p{  
    color:rgb(91, 100, 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(91, 100, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 100, 113) }
```

Border

The CSS property to change the border of an element to XYZ 11.8522, 12.5307, 17.4168 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(91, 100, 113) }
```


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

```
.border{ border-color:rgb(91, 100, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 100, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 100, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 100, 113);  
box-shadow:4px 4px 4px 4px rgb(91, 100,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8522, 12.5307, 17.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 100, 113) }
```

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

```
.background{ background-color: rgb(91, 100,  
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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