

Converting Colors

XYZ(11.9578, 13.6139, 18.6701)

Have a look what the booklet for
XYZ(11.9578, 13.6139, 18.6701)
contains.

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Color

**XYZ(11.8898, 13.5702,
18.5156)**

Conversions

Conversions Part 1

Format	Color
Hex	526B74
RGB	82, 107, 116
RGB Percent	32%, 42%, 45%
CMY	0.6784, 0.5804, 0.5451
CMYK	0.29, 0.08, 0.00, 0.55
HSL	196°, 17%, 39%
HSV	196°, 29%, 45%
XYZ	11.8898, 13.5702, 18.5156
YIQ	100.5510, -17.7890, -2.5010

Conversions

Conversions Part 2

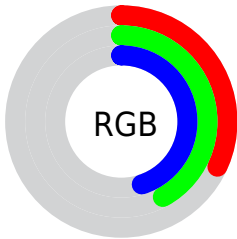
Format	Color
RYB	82, 96, 116
Decimal	5401460
CIELab	43.61, -6.88, -8.03
CIELCh	44, 10.571, 229.413
Yxy	13.5702, 0.2704, 0.3086
Android (android.graphics.Color)	4283591540 (0xFF526B74)
YUV	100.5510, 7.6164, -16.2692
Hunter-Lab	36.8378, -6.8532, -4.0142

Details

The XYZ color **11.8898, 13.5702, 18.5156** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4668, 11.8046, 9.6045**, and the grayscale version is **12.2388, 12.8761, 14.0221**.

A 20% lighter version of the original color is **28.8105, 32.1864, 41.7399**, and **3.3524, 4.0064, 6.0655** is the 20% darker color. If you saturate the color by 10%, you get **10.6508, 12.4650, 18.3678**, and if you desaturate by 10%, it is **13.3116, 14.7872, 18.6758**.

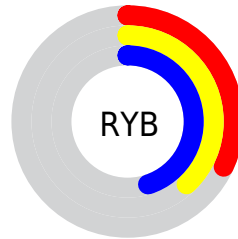
Distribution



Red (32%)

Green (42%)

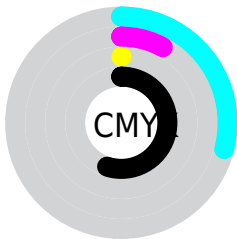
Blue (45%)



Red (32%)

Yellow (38%)

Blue (45%)

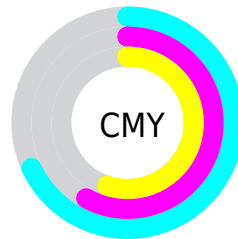


Cyan (29%)

Magenta (8%)

Yellow (0%)

Black (55%)



Cyan (68%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8898, 13.5702, 18.5156 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 11.8898, 13.5702, 18.5156 by changing the saturation by 10% instead.

■ 11.8898, 13.5702,
18.5156

■ 11.8898, 13.5702,
18.5156

197.4592,
214.5404, 256.0944

■ 6.7403, 7.8223,
11.1475

■ 28.9128, 32.3244,
41.7397

■ 3.3451, 3.9815,
6.0507

■ 41.5171, 46.0996,
58.4328

■ 1.3388, 1.6632,
2.8067

■ 57.3371, 63.3194,
79.0713

■ 0.2120, 0.3997,
0.9968

■ 76.7381, 84.3681,
104.0738

■ 0.0000, 0.0000,
0.0000

■ 100.0854,
109.6301, 133.8589

127.7445,

139.4899, 168.8449

160.0806,
174.3319, 209.4506

■ 11.8898, 13.5702,
18.5156

■ 11.8898, 13.5702,
18.5156

■ 10.6508, 12.4650,
18.3678

■ 13.3116, 14.7872,
18.6758

■ 9.5846, 11.4653,
18.2310

■ 14.9230, 16.1186,
18.8479

■ 8.6822, 10.5665,
18.1051

■ 16.7320, 17.5691,
19.0325

■ 7.9333, 9.7632,
17.9895

■ 18.7457, 19.1426,
19.2301

■ 7.3261, 9.0491,
17.8837

■ 20.9711, 20.8426,
19.4409

■ 6.8473, 8.4172,
17.7870

■ 23.4144, 22.6728,
19.6654

■ 6.4513, 7.8438,
17.6972

■ 26.0819, 24.6364,
19.9038

■ 6.4245, 7.8050,
17.6911

■ 28.9796, 26.7366,
20.1565

■ 32.1131, 28.9766,
20.4237

Harmonies

Analogous

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



11.4541, 13.5702, 16.3435



11.8898, 13.5702, 18.5156



12.6078, 13.5702, 19.7258

Triad

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



11.8898, 13.5702, 18.5156



14.5271, 13.5702, 15.6292



12.3761, 13.5702, 10.8792

Complementary

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



11.8898, 13.5702, 18.5156



12.4668, 11.8046, 9.6045

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.



13.1928, 13.5702, 10.7318



11.8898, 13.5702, 18.5156



14.4586, 13.5702, 13.3114

Square

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



11.8898, 13.5702, 18.5156



14.1452, 13.5702, 17.9449



13.9618, 13.5702, 11.5766



11.7265, 13.5702, 12.0034

Rectangle

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



11.8898, 13.5702, 18.5156



13.1602, 13.5702, 19.7454



13.9618, 13.5702, 11.5766



12.6394, 13.5702, 10.7187

Sweetspot

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



11.8902, 13.5707, 18.5159



26.2560, 28.3531, 33.1334



11.5922, 15.0316, 12.0756



6.1788, 6.6948, 7.8955



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.



11.8902, 13.5707, 18.5159



19.4326, 22.5548, 32.3738



10.3309, 10.4522, 17.9962



3.7052, 3.9991, 4.6669



7.1942, 8.7281, 19.8481



34.3299, 41.0765, 96.4795

Inverse Universe

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



12.8740, 10.8096, 15.3184



21.4894, 17.0156, 25.6359



14.0357, 14.9424, 10.1275



3.7872, 3.7422, 4.4064



9.9284, 4.9051, 10.0972



48.0149, 23.7561, 47.2693

Previews

White Background



This preview shows how the XYZ color 11.8898, 13.5702, 18.5156 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 11.8898, 13.5702, 18.5156 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

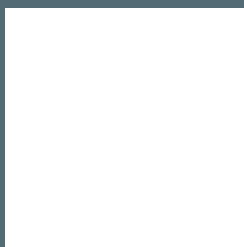
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.8898, 13.5702, 18.5156

Background



This preview shows how black text looks on a background with the XYZ color 11.8898, 13.5702, 18.5156.



This preview shows how white text looks on a background with the XYZ color 11.8898, 13.5702,

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

11.8898, 13.5702, 18.5156

Protanopia

13.2115, 13.5198, 17.5360

Deuteranopia

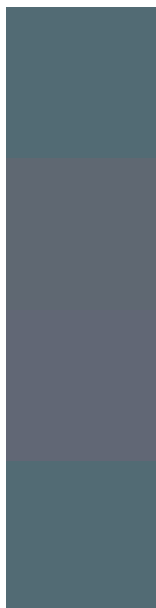
13.7119, 13.4629, 18.7055



Tritanopia

11.8898, 13.5702, 18.5156

Trichromacy



Original Color

11.8898, 13.5702, 18.5156

Protanomaly

12.7069, 13.5484, 17.8650

Deuteranomaly

12.9909, 13.5262, 18.7558

Tritanomaly

11.8898, 13.5702, 18.5156

Monochromacy



Original Color

11.8898, 13.5702, 18.5156

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.0679, 13.1208, 15.5322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8898, 13.5702, 18.5156 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(82, 107, 116)` looks like.

```
.text, #text, p{  
    color:rgb(82, 107, 116)  
}
```

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(82, 107, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 107, 116) }
```

Border

The CSS property to change the border of an element to XYZ 11.8898, 13.5702, 18.5156 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(82, 107, 116) }
```


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

```
.border{ border-color:rgb(82, 107, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 107, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 107, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 107, 116);  
box-shadow:4px 4px 4px 4px rgb(82, 107,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8898, 13.5702, 18.5156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 107, 116) }
```

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

```
.background{ background-color: rgb(82, 107,  
116) }
```

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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