

Converting Colors

XYZ(11.8297, 11.6694, 18.4586)

Have a look what the booklet for
XYZ(11.8297, 11.6694, 18.4586)
contains.

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Color

**XYZ(11.8297, 11.6694,
18.4586)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5E75
RGB	94, 94, 117
RGB Percent	37%, 37%, 46%
CMY	0.6314, 0.6314, 0.5412
CMYK	0.20, 0.20, 0.00, 0.54
HSL	240°, 11%, 41%
HSV	240°, 20%, 46%
XYZ	11.8297, 11.6694, 18.4586
YIQ	96.6220, -7.3830, 7.1530

Conversions

Conversions Part 2

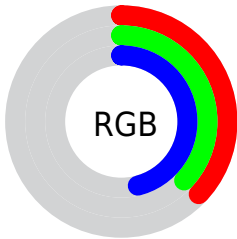
Format	Color
RYB	94, 94, 117
Decimal	6184565
CIELab	40.69, 5.31, -12.96
CIELCh	41, 14.000, 292.268
Yxy	11.6694, 0.2819, 0.2781
Android (android.graphics.Color)	4284374645 (0xFF5E5E75)
YUV	96.6220, 10.0464, -2.2995
Hunter-Lab	34.1605, 2.0332, -8.1250

Details

The XYZ color **11.8297, 11.6694, 18.4586** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7180, 17.3129, 13.1034**, and the grayscale version is **11.2474, 11.8332, 12.8863**.

A 20% lighter version of the original color is **28.8117, 28.8308, 41.5825**, and **3.3034, 3.1479, 6.0637** is the 20% darker color. If you saturate the color by 10%, you get **9.7570, 9.1720, 18.0860**, and if you desaturate by 10%, it is **14.2428, 14.5770, 18.8928**.

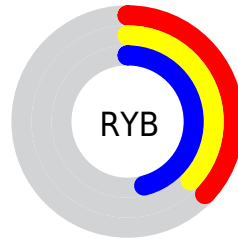
Distribution



Red (37%)

Green (37%)

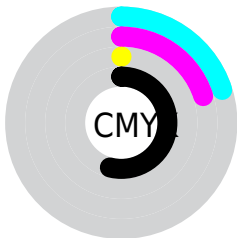
Blue (46%)



Red (37%)

Yellow (37%)

Blue (46%)

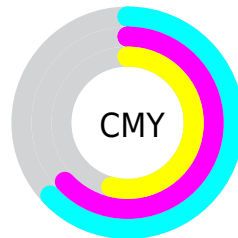


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (54%)



Cyan (63%)

Magenta (63%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8297, 11.6694, 18.4586 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 11.8297, 11.6694, 18.4586 by changing the saturation by 10% instead.

■ 11.8297, 11.6694,
18.4586

■ 11.8297, 11.6694,
18.4586

197.0676,
202.2042, 255.7657

■ 6.6992, 6.5190,
11.1069

■ 28.8041, 28.8915,
41.6417

■ 3.3193, 3.1631,
6.0237

■ 41.3787, 41.7320,
58.3101

■ 1.3248, 1.2175,
2.7905

■ 57.1654, 57.9047,
78.9212

■ 0.2017, 0.0759,
0.9887

■ 76.5296, 77.7939,
103.8936

■ 0.0000, 0.0000,
0.0000

99.8365, 101.7841,
133.6456

127.4516,

130.2596, 168.5960

159.7402,
163.6048, 209.1632

■ 11.8297, 11.6694,
18.4586

■ 11.8297, 11.6694,
18.4586

■ 9.7570, 9.1720,
18.0860

■ 14.2428, 14.5770,
18.8928

■ 8.0083, 7.0649,
17.7714

■ 17.0094, 17.9106,
19.3905

■ 6.5676, 5.3290,
17.5123

■ 20.1434, 21.6869,
19.9542

■ 5.4171, 3.9427,
17.3054

■ 23.6575, 25.9211,
20.5863

■ 4.5371, 2.8823,
17.1471

■ 27.5639, 30.6281,
21.2889

■ 3.9055, 2.1213,
17.0335

■ 31.8742, 35.8217,
22.0642

■ 3.4967, 1.6287,
16.9599

■ 36.5994, 41.5153,
22.9141

■ 3.2203, 1.2957,
16.9102

■ 41.7504, 47.7219,
23.8406

■ 3.2109, 1.2844,
16.9085

■ 47.3374, 54.4538,
24.8456

Harmonies

Analogous

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



10.8369, 11.6694, 18.9211



11.8297, 11.6694, 18.4586



12.6687, 11.6694, 16.3491

Triad

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



11.8297, 11.6694, 18.4586



12.2996, 11.6694, 8.8583



9.3074, 11.6694, 11.9854

Complementary

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



11.8297, 11.6694, 18.4586



15.7180, 17.3129, 13.1034

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.



9.6508, 11.6694, 9.6488



11.8297, 11.6694, 18.4586



11.3499, 11.6694, 8.0270

Square

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



11.8297, 11.6694, 18.4586



12.9510, 11.6694, 10.7471



10.3845, 11.6694, 8.2931



9.4189, 11.6694, 14.8895

Rectangle

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



11.8297, 11.6694, 18.4586



13.0084, 11.6694, 14.4426



10.3845, 11.6694, 8.2931



9.3727, 11.6694, 11.1145

Sweetspot

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



11.8301, 11.6699, 18.4589



27.1660, 28.1051, 34.1300



14.1661, 16.3779, 19.1266



6.1936, 6.3988, 7.8376



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.



11.8301, 11.6699, 18.4589



19.2672, 18.5876, 32.7093



13.0533, 12.3005, 18.5161



3.5006, 3.5899, 4.5986



3.5377, 1.4151, 18.6292



17.2397, 6.8959, 90.7827

Inverse Universe

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



13.3595, 12.5959, 12.3172



22.5833, 20.5952, 19.3936



14.3120, 16.5880, 13.0376



3.6839, 3.7009, 3.8625



8.0828, 4.1668, 0.3783



39.3885, 20.3055, 1.8434

Previews

White Background



This preview shows how the XYZ color 11.8297, 11.6694, 18.4586 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 11.8297, 11.6694, 18.4586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

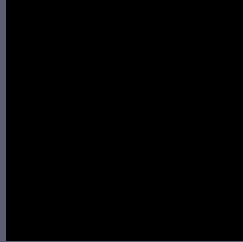
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.8297, 11.6694, 18.4586

Background



This preview shows how black text looks on a background with the XYZ color 11.8297, 11.6694, 18.4586.



This preview shows how white text looks on a background with the XYZ color 11.8297, 11.6694,

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

11.8297, 11.6694, 18.4586

Protanopia

11.6766, 11.7166, 18.7856

Deuteranopia

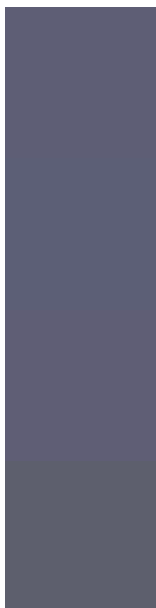
11.9329, 11.7227, 18.4634



Tritanopia

11.0952, 11.6405, 14.7588

Trichromacy



Original Color

11.8297, 11.6694, 18.4586

Protanomaly

11.7759, 11.7677, 18.7903

Deuteranomaly

11.9329, 11.7227, 18.4634

Tritanomaly

11.3667, 11.6157, 16.1110

Monochromacy



Original Color

11.8297, 11.6694, 18.4586

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.5054, 11.8520, 14.7780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8297, 11.6694, 18.4586 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, 94, 117) looks like.

```
.text, #text, p{  
    color:rgb(94, 94, 117)  
}
```

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, 94, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 94, 117) }
```

Border

The CSS property to change the border of an element to XYZ 11.8297, 11.6694, 18.4586 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, 94, 117) }
```


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

```
.border{ border-color:rgb(94, 94, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 94, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 94, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 94, 117);  
box-shadow:4px 4px 4px 4px rgb(94, 94,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8297, 11.6694, 18.4586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 94, 117) }
```

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

```
.background{ background-color: rgb(94, 94,  
117) }
```

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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