

Converting Colors

XYZ(11.1482, 11.2986, 19.0462)

Have a look what the booklet for
XYZ(11.1482, 11.2986, 19.0462)
contains.

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Color

**XYZ(11.1702, 11.3158,
19.0482)**

Conversions

Conversions Part 1

Format	Color
Hex	565E77
RGB	86, 94, 119
RGB Percent	34%, 37%, 47%
CMY	0.6627, 0.6314, 0.5333
CMYK	0.28, 0.21, 0.00, 0.53
HSL	225°, 16%, 40%
HSV	225°, 28%, 47%
XYZ	11.1702, 11.3158, 19.0482
YIQ	94.4580, -12.7930, 6.0790

Conversions

Conversions Part 2

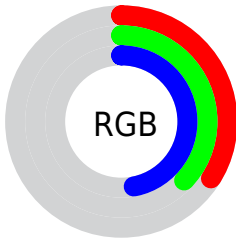
Format	Color
R_{YB}	86, 92, 119
Decimal	5660279
CIE Lab	40.11, 3.07, -15.12
CIE LCh	40, 15.428, 281.479
Yxy	11.3158, 0.2689, 0.2724
Android (android.graphics.Color)	4283850359 (0xFF565E77)
YUV	94.4580, 12.0992, -7.4177
Hunter-Lab	33.6390, 0.4048, -10.0259

Details

The XYZ color **11.1702, 11.3158, 19.0482** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9719, 15.9625, 11.0962**, and the grayscale version is **10.7225, 11.2809, 12.2849**.

A 20% lighter version of the original color is **27.4773, 28.1210, 42.5078**, and **3.0310, 3.0002, 6.3806** is the 20% darker color. If you saturate the color by 10%, you get **9.4092, 9.2869, 18.7496**, and if you desaturate by 10%, it is **13.2081, 13.6270, 19.3871**.

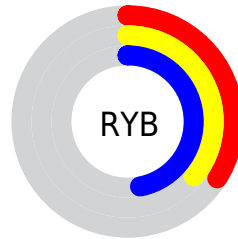
Distribution



Red (34%)

Green (37%)

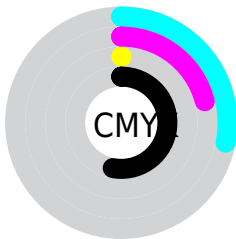
Blue (47%)



Red (34%)

Yellow (36%)

Blue (47%)

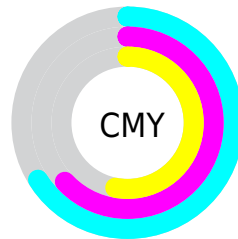


Cyan (28%)

Magenta (21%)

Yellow (0%)

Black (53%)



Cyan (66%)

Magenta (63%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1702, 11.3158, 19.0482 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 11.1702, 11.3158, 19.0482 by changing the saturation by 10% instead.

■ 11.1702, 11.3158,
19.0482

■ 11.1702, 11.3158,
19.0482

192.7158,
199.8215, 259.1463

■ 6.2496, 6.2797,
11.5279

■ 27.6046, 28.2427,
42.6533

■ 3.0395, 3.0159,
6.3045

■ 39.8492, 40.9022,
59.5753

■ 1.1747, 1.1400,
2.9593

■ 55.2657, 56.8716,
80.4682

■ 0.0862, 0.0119,
1.0739

■ 74.2196, 76.5354,
105.7506

■ 0.0000, 0.0000,
0.0000

■ 97.0762, 100.2779,
135.8411

124.2008,

128.4835, 171.1582

155.9589,
161.5365, 212.1204

■ 11.1702, 11.3158,
19.0482

■ 11.1702, 11.3158,
19.0482

■ 9.4092, 9.2869,
18.7496

■ 13.2081, 13.6270,
19.3871

■ 7.9116, 7.5278,
18.4890

■ 15.5331, 16.2295,
19.7669

■ 6.6648, 6.0271,
18.2650

■ 18.1566, 19.1337,
20.1892

■ 5.6542, 4.7721,
18.0761

■ 21.0886, 22.3490,
20.6553

■ 4.8641, 3.7489,
17.9202

■ 24.3389, 25.8843,
21.1663

■ 4.2763, 2.9420,
17.7954

■ 27.9168, 29.7484,
21.7236

■ 3.8510, 2.3241,
17.6986

■ 31.8313, 33.9496,
22.3282

■ 3.7656, 2.2036,
17.6798

■ 36.0910, 38.4957,
22.9812

■ 40.7039, 43.3946,
23.6836

Harmonies

Analogous

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



10.1146, 11.3158, 18.7987



11.1702, 11.3158, 19.0482



12.1771, 11.3158, 17.2863

Triad

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



11.1702, 11.3158, 19.0482



12.3724, 11.3158, 8.8143



8.9192, 11.3158, 10.5417

Complementary

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



11.1702, 11.3158, 19.0482



14.9719, 15.9625, 11.0962

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.



9.4487, 11.3158, 8.4111



11.1702, 11.3158, 19.0482



11.4225, 11.3158, 7.5339

Square

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



11.1702, 11.3158, 19.0482



12.9013, 11.3158, 11.1846



10.3509, 11.3158, 7.3997



8.8616, 11.3158, 13.5318

Rectangle

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



11.1702, 11.3158, 19.0482



12.6672, 11.3158, 15.3556



10.3509, 11.3158, 7.3997



9.0462, 11.3158, 9.7151

Sweetspot

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



11.1706, 11.3163, 19.0485



27.6067, 28.8300, 35.3628



13.2903, 16.3145, 17.4156



6.4089, 6.6835, 8.3589



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.1706, 11.3163, 19.0485



18.0194, 17.9859, 33.7750



11.2995, 10.3806, 18.8611



3.5661, 3.7209, 4.6205



3.9939, 2.3275, 18.7813



18.8869, 10.1903, 91.3318

Inverse Universe

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



12.9562, 11.3859, 12.1051



21.7869, 18.2443, 19.0998



14.8009, 17.2291, 11.3497



3.7170, 3.7141, 4.0366



8.3131, 4.2589, 1.5908



40.2200, 20.6381, 6.2217

Previews

White Background



This preview shows how the XYZ color 11.1702, 11.3158, 19.0482 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 11.1702, 11.3158, 19.0482 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

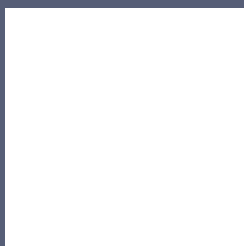
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1702, 11.3158, 19.0482

Background



This preview shows how black text looks on a background with the XYZ color 11.1702, 11.3158, 19.0482.



This preview shows how white text looks on a background with the XYZ color 11.1702, 11.3158,

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

11.1702, 11.3158, 19.0482

Protanopia

11.2686, 11.2353, 19.0275

Deuteranopia

11.5585, 11.3848, 19.0410



Tritanopia

10.3407, 11.3879, 14.7498

Trichromacy



Original Color

11.1702, 11.3158, 19.0482

Protanomaly

11.1746, 11.1868, 19.0231

Deuteranomaly

11.3639, 11.2845, 19.0319

Tritanomaly

10.5993, 11.3547, 16.1010

Monochromacy



Original Color

11.1702, 11.3158, 19.0482

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.7653, 11.2088, 14.4281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1702, 11.3158, 19.0482 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(86, 94, 119) looks like.

```
.text, #text, p{  
    color:rgb(86, 94, 119)  
}
```

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(86, 94, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 94, 119) }
```

Border

The CSS property to change the border of an element to XYZ 11.1702, 11.3158, 19.0482 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(86, 94, 119) }
```


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

```
.border{ border-color:rgb(86, 94, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 94, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 94, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 94, 119);  
box-shadow:4px 4px 4px 4px rgb(86, 94,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1702, 11.3158, 19.0482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 94, 119) }
```

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

```
.background{ background-color: rgb(86, 94,  
119) }
```

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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