

Converting Colors

XYZ(11.4914, 11.1710, 20.0931)

Have a look what the booklet for
XYZ(11.4914, 11.1710, 20.0931)
contains.

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Color

**XYZ(11.4598, 11.1833,
19.9669)**

Conversions

Conversions Part 1

Format	Color
Hex	595C7A
RGB	89, 92, 122
RGB Percent	35%, 36%, 48%
CMY	0.6510, 0.6392, 0.5216
CMYK	0.27, 0.25, 0.00, 0.52
HSL	235°, 16%, 41%
HSV	235°, 27%, 48%
XYZ	11.4598, 11.1833, 19.9669
YIQ	94.5230, -11.4180, 8.6940

Conversions

Conversions Part 2

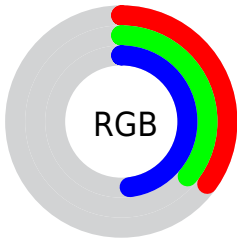
Format	Color
R _Y B	89, 92, 122
Decimal	5856378
CIE Lab	39.89, 6.12, -17.27
CIE LCh	40, 18.320, 289.504
Yxy	11.1833, 0.2689, 0.2625
Android (android.graphics.Color)	4284046458 (0xFF595C7A)
YUV	94.5230, 13.5462, -4.8437
Hunter-Lab	33.4414, 2.6463, -11.9913

Details

The XYZ color **11.4598, 11.1833, 19.9669** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.4261, 18.0524, 12.0702**, and the grayscale version is **10.7344, 11.2934, 12.2985**.

A 20% lighter version of the original color is **28.1282, 27.9774, 43.9621**, and **3.1344, 2.9273, 6.7031** is the 20% darker color. If you saturate the color by 10%, you get **9.4933, 8.8464, 19.6197**, and if you desaturate by 10%, it is **13.7618, 13.9025, 20.3706**.

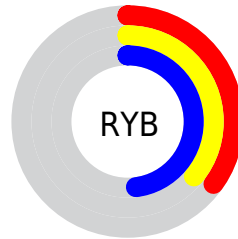
Distribution



Red (35%)

Green (36%)

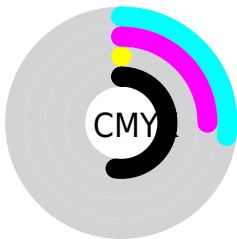
Blue (48%)



Red (35%)

Yellow (36%)

Blue (48%)

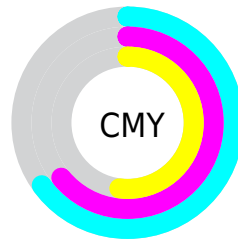


Cyan (27%)

Magenta (25%)

Yellow (0%)

Black (52%)



Cyan (65%)

Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4598, 11.1833, 19.9669 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 11.4598, 11.1833, 19.9669 by changing the saturation by 10% instead.

■ 11.4598, 11.1833,
19.9669

■ 11.4598, 11.1833,
19.9669

194.6393,
198.9208, 264.3342

■ 6.4466, 6.1903,
12.1871

■ 28.1328, 27.9986,
44.2199

■ 3.1617, 2.9611,
6.7472

■ 40.5233, 40.5897,
61.5303

■ 1.2398, 1.1115,
3.2285

■ 56.1036, 56.4822,
82.8546

■ 0.1375, 0.0000,
1.2124

■ 75.2390, 76.0607,
108.6114

■ 0.0000, 0.0000,
0.0000

■ 98.2949, 99.7093,
139.2192

125.6367,

127.8126, 175.0966

157.6297,
160.7550, 216.6620

■ 11.4598, 11.1833,
19.9669

■ 11.4598, 11.1833,
19.9669

■ 9.4933, 8.8464,
19.6197

■ 13.7618, 13.9025,
20.3706

■ 7.8455, 6.8734,
19.3257

■ 16.4127, 17.0186,
20.8324

■ 6.4999, 5.2462,
19.0825

■ 19.4267, 20.5472,
21.3546

■ 5.4381, 3.9449,
18.8873

■ 22.8169, 24.5027,
21.9394

■ 4.6394, 2.9473,
18.7369

■ 26.5954, 28.8985,
22.5887

■ 4.0807, 2.2286,
18.6276

■ 30.7743, 33.7479,
23.3045

■ 3.7200, 1.7525,
18.5547

■ 35.3646, 39.0632,
24.0885

■ 3.6336, 1.6467,
18.5388

■ 40.3774, 44.8564,
24.9425

■ 45.8230, 51.1392,
25.8682

Harmonies

Analogous

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



10.1937, 11.1833, 20.3621



11.4598, 11.1833, 19.9669



12.5823, 11.1833, 17.2668

Triad

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



11.4598, 11.1833, 19.9669



12.2833, 11.1833, 7.6219



8.4187, 11.1833, 10.9548

Complementary

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



11.4598, 11.1833, 19.9669



16.4261, 18.0524, 12.0702

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.



8.8898, 11.1833, 8.2004



11.4598, 11.1833, 19.9669



11.0773, 11.1833, 6.5447

Square

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



11.4598, 11.1833, 19.9669



13.0831, 11.1833, 10.0019



9.8401, 11.1833, 6.7331



8.5034, 11.1833, 14.6459

Rectangle

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



11.4598, 11.1833, 19.9669



13.0666, 11.1833, 14.7741



9.8401, 11.1833, 6.7331



8.5158, 11.1833, 9.9032

Sweetspot

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



11.4602, 11.1837, 19.9672



28.3090, 29.2769, 36.5519



14.3913, 17.3678, 19.9524



6.3309, 6.5275, 8.3329



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.



11.4602, 11.1837, 19.9672



18.1110, 17.2418, 34.7664



12.5877, 11.3867, 19.9469



3.8243, 3.9468, 5.0034



3.8224, 1.7272, 19.5172



17.9477, 7.6680, 93.0039

Inverse Universe

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



13.5304, 12.0553, 11.7395



22.3618, 19.0732, 17.8640



15.0450, 17.8791, 12.1095



4.0117, 4.0204, 4.2595



8.5127, 4.3812, 0.7247



40.4623, 20.8413, 2.6986

Previews

White Background



This preview shows how the XYZ color 11.4598, 11.1833, 19.9669 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 11.4598, 11.1833, 19.9669 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 11.4598, 11.1833, 19.9669

Background



This preview shows how black text looks on a background with the XYZ color 11.4598, 11.1833, 19.9669.

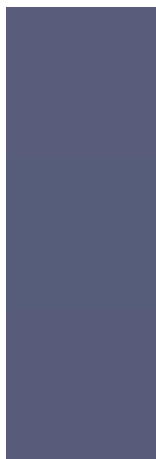


This preview shows how white text looks on a background with the XYZ color 11.4598, 11.1833,

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

11.4598, 11.1833, 19.9669

Protanopia

11.3273, 11.2372, 20.3109

Deuteranopia

11.3645, 11.1341, 19.9625



Tritanopia

10.2867, 11.0950, 14.4313

Trichromacy



Original Color

11.4598, 11.1833, 19.9669

Protanomaly

11.4200, 11.2850, 20.3152

Deuteranomaly

11.3645, 11.1341, 19.9625

Tritanomaly

10.6549, 11.1096, 16.3346

Monochromacy



Original Color

11.4598, 11.1833, 19.9669

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.0667, 11.3525, 14.9726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4598, 11.1833, 19.9669 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(89, 92, 122) looks like.

```
.text, #text, p{  
    color:rgb(89, 92, 122)  
}
```

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(89, 92, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 92, 122) }
```

Border

The CSS property to change the border of an element to XYZ 11.4598, 11.1833, 19.9669 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(89, 92, 122) }
```


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

```
.border{ border-color:rgb(89, 92, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 92, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 92, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 92, 122);  
box-shadow:4px 4px 4px 4px rgb(89, 92,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4598, 11.1833, 19.9669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 92, 122) }
```

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

```
.background{ background-color: rgb(89, 92,  
122) }
```

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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