

Converting Colors

XYZ(11.1930, 11.5031, 19.1332)

Have a look what the booklet for
XYZ(11.1930, 11.5031, 19.1332)
contains.

XYZ(11.1683, 11.4476, 19.0737)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.1683, 11.4476,
19.0737)**

Conversions

Conversions Part 1

Format	Color
Hex	555F77
RGB	85, 95, 119
RGB Percent	33%, 37%, 47%
CMY	0.6667, 0.6274, 0.5333
CMYK	0.29, 0.20, 0.00, 0.53
HSL	222°, 17%, 40%
HSV	222°, 29%, 47%
XYZ	11.1683, 11.4476, 19.0737
YIQ	94.7460, -13.6640, 5.3440

Conversions

Conversions Part 2

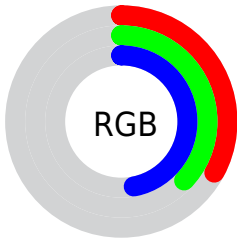
Format	Color
R_{YB}	85, 93, 119
Decimal	5594999
CIE Lab	40.32, 2.12, -14.80
CIE LCh	40, 14.947, 278.159
Yxy	11.4476, 0.2679, 0.2746
Android (android.graphics.Color)	4283785079 (0xFF555F77)
YUV	94.7460, 11.9572, -8.5472
Hunter-Lab	33.8343, -0.2893, -9.7400

Details

The XYZ color **11.1683, 11.4476, 19.0737** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7163, 15.5153, 10.8138**, and the grayscale version is **10.7915, 11.3535, 12.3640**.

A 20% lighter version of the original color is **27.4678, 28.3420, 42.5509**, and **3.0350, 3.0636, 6.3926** is the 20% darker color. If you saturate the color by 10%, you get **9.4612, 9.5045, 18.7888**, and if you desaturate by 10%, it is **13.1394, 13.6485, 19.3948**.

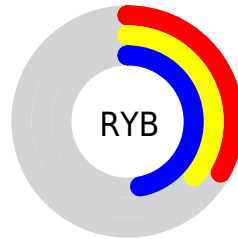
Distribution



Red (33%)

Green (37%)

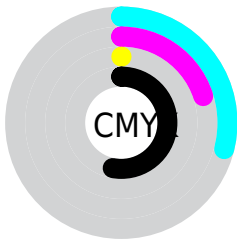
Blue (47%)



Red (33%)

Yellow (36%)

Blue (47%)

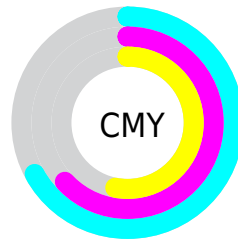


Cyan (29%)

Magenta (20%)

Yellow (0%)

Black (53%)



Cyan (67%)

Magenta (63%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1683, 11.4476, 19.0737 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 11.1683, 11.4476, 19.0737 by changing the saturation by 10% instead.

■ 11.1683, 11.4476,
19.0737

■ 11.1683, 11.4476,
19.0737

192.7031,
200.7131, 259.2916

■ 6.2483, 6.3687,
11.5462

■ 27.6012, 28.4849,
42.6970

■ 3.0387, 3.0706,
6.3167

■ 39.8447, 41.2122,
59.6298

■ 1.1743, 1.1687,
2.9667

■ 55.2602, 57.2577,
80.5348

■ 0.0859, 0.0359,
1.0777

■ 74.2128, 77.0059,
105.8305

■ 0.0000, 0.0000,
0.0000

■ 97.0681, 100.8412,
135.9356

124.1914,

129.1479, 171.2684

155.9479,
162.3104, 212.2475

■ 11.1683, 11.4476,
19.0737

■ 11.1683, 11.4476,
19.0737

■ 9.4612, 9.5045,
18.7888

■ 13.1394, 13.6485,
19.3948

■ 8.0055, 7.8080,
18.5381

■ 15.3845, 16.1152,
19.7526

■ 6.7888, 6.3480,
18.3204

■ 17.9140, 18.8569,
20.1485

■ 5.7975, 5.1133,
18.1343

■ 20.7378, 21.8819,
20.5835

■ 5.0164, 4.0914,
17.9783

■ 23.8652, 25.1983,
21.0588

■ 4.4281, 3.2687,
17.8505

■ 27.3049, 28.8137,
21.5754

■ 3.9881, 2.6169,
17.7478

■ 31.0655, 32.7356,
22.1342

■ 3.9309, 2.5341,
17.7349

■ 35.1551, 36.9711,
22.7362

■ 39.5816, 41.5271,
23.3823

Harmonies

Analogous

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



10.1499, 11.4476, 18.6063



11.1683, 11.4476, 19.0737



12.1701, 11.4476, 17.5597

Triad

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



11.1683, 11.4476, 19.0737



12.5385, 11.4476, 9.2360



9.1198, 11.4476, 10.4436

Complementary

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



11.1683, 11.4476, 19.0737



14.7163, 15.5153, 10.8138

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.



9.6856, 11.4476, 8.4646



11.1683, 11.4476, 19.0737



11.6455, 11.4476, 7.8491

Square

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



11.1683, 11.4476, 19.0737



12.9936, 11.4476, 11.6654



10.5979, 11.4476, 7.5913



9.0101, 11.4476, 13.2993

Rectangle

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



11.1683, 11.4476, 19.0737



12.6786, 11.4476, 15.7541



10.5979, 11.4476, 7.5913



9.2611, 11.4476, 9.6680

Sweetspot

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



11.1687, 11.4481, 19.0740



27.2689, 28.5518, 35.3269



13.0930, 16.2250, 16.8535



6.3413, 6.6341, 8.3530



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.



11.1687, 11.4481, 19.0740



18.0218, 18.2572, 33.8272



10.9723, 10.0943, 18.8230



3.5803, 3.7493, 4.6252



4.1686, 2.6769, 18.8396



19.6553, 11.7272, 91.5879

Inverse Universe

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



12.9221, 11.2455, 12.3164



21.7232, 17.9699, 19.5313



14.9443, 17.3076, 11.1478



3.7242, 3.7170, 4.0743



8.4013, 4.2942, 2.0552



40.6078, 20.7933, 8.2643

Previews

White Background



This preview shows how the XYZ color 11.1683, 11.4476, 19.0737 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 11.1683, 11.4476, 19.0737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

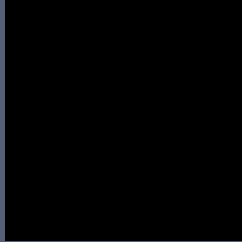
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

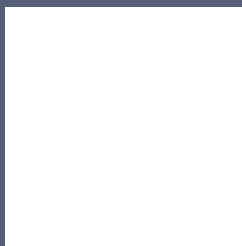
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1683, 11.4476, 19.0737

Background



This preview shows how black text looks on a background with the XYZ color 11.1683, 11.4476, 19.0737.

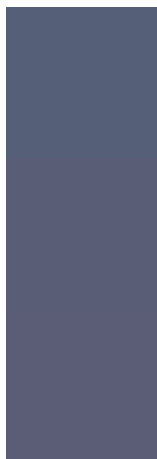


This preview shows how white text looks on a background with the XYZ color 11.1683, 11.4476,

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

11.1683, 11.4476, 19.0737

Protanopia

11.3925, 11.4373, 18.7467

Deuteranopia

11.5585, 11.3848, 19.0410



Tritanopia

10.3042, 11.3631, 15.0148

Trichromacy



Original Color

11.1683, 11.4476, 19.0737

Protanomaly

11.2972, 11.3881, 18.7422

Deuteranomaly

11.4523, 11.4612, 19.0614

Tritanomaly

10.5646, 11.3305, 16.3820

Monochromacy



Original Color

11.1683, 11.4476, 19.0737

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.9053, 11.4080, 14.7239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1683, 11.4476, 19.0737 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(85, 95, 119) looks like.

```
.text, #text, p{  
    color:rgb(85, 95, 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(85, 95, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 95, 119) }
```

Border

The CSS property to change the border of an element to XYZ 11.1683, 11.4476, 19.0737 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(85, 95, 119) }
```


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

```
.border{ border-color:rgb(85, 95, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 95, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 95, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 95, 119);  
box-shadow:4px 4px 4px 4px rgb(85, 95,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1683, 11.4476, 19.0737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 95, 119) }
```

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

```
.background{ background-color: rgb(85, 95,  
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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