

Converting Colors

XYZ(8.9282, 11.0677, 11.7583)

Have a look what the booklet for
XYZ(8.9282, 11.0677, 11.7583)
contains.

XYZ(8.9194, 10.9985, 11.7780)	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(8.9194, 10.9985,
11.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	46635C
RGB	70, 99, 92
RGB Percent	27%, 39%, 36%
CMY	0.7255, 0.6118, 0.6392
CMYK	0.29, 0.00, 0.07, 0.61
HSL	166°, 17%, 33%
HSV	166°, 29%, 39%
XYZ	8.9194, 10.9985, 11.7780
YIQ	89.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

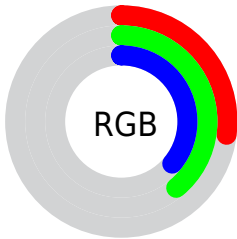
Format	Color
R_YB	70, 86, 99
Decimal	4612956
CIE _{Lab}	39.58, -12.35, 0.53
CIE _{LCh}	40, 12.357, 177.543
Yxy	10.9985, 0.2814, 0.3470
Android (android.graphics.Color)	4282803036 (0xFF46635C)
YUV	89.5310, 1.2172, -17.1287
Hunter-Lab	33.1640, -10.0297, 2.1583

Details

The XYZ color **8.9194, 10.9985, 11.7780** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.6757, 7.5691, 8.0254**, and the grayscale version is **9.6134, 10.1141, 11.0142**.

A 20% lighter version of the original color is **23.3966, 27.6876, 29.7023**, and **2.1220, 2.8599, 3.0249** is the 20% darker color. If you saturate the color by 10%, you get **8.1606, 10.6195, 11.2058**, and if you desaturate by 10%, it is **9.8000, 11.4405, 12.3736**.

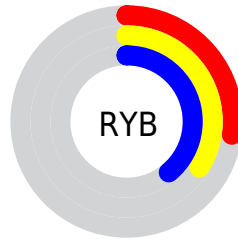
Distribution



Red (27%)

Green (39%)

Blue (36%)



Red (27%)

Yellow (34%)

Blue (39%)

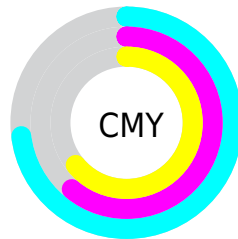


Cyan (29%)

Magenta (0%)

Yellow (7%)

Black (61%)



Cyan (73%)

Magenta (61%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.9194, 10.9985, 11.7780 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 8.9194, 10.9985, 11.7780 by changing the saturation by 10% instead.

■ 8.9194, 10.9985,
11.7780

■ 8.9194, 10.9985,
11.7780

176.9953,
197.6573, 213.8555

■ 4.7453, 6.0658,
6.4720

■ 23.4107, 27.6574,
29.7485

■ 2.1318, 2.8852,
3.0608

■ 34.4586, 40.1524,
43.2500

■ 0.7064, 1.0721,
1.1257

■ 48.5285, 55.9370,
60.3204

■ 0.0000, 0.0000,
0.0000

■ 65.9857, 75.3955,
81.3784

■ 87.1957, 98.9124,
106.8423

112.5237,

126.8721, 137.1308

142.3351,
159.6589, 172.6623

■ 8.9194, 10.9985,
11.7780

■ 8.9194, 10.9985,
11.7780

■ 8.1606, 10.6195,
11.2058

■ 9.8000, 11.4405,
12.3736

■ 7.5167, 10.2990,
10.6558

■ 10.8067, 11.9468,
12.9922

■ 6.9818, 10.0344,
10.1279

■ 11.9450, 12.5206,
13.6345

■ 6.5490, 9.8221,
9.6214

■ 13.2196, 13.1642,
14.3008

■ 6.2106, 9.6580,
9.1359

■ 14.6351, 13.8802,
14.9916

■ 5.9578, 9.5377,
8.6709

■ 16.1959, 14.6705,
15.7071

■ 5.7501, 9.4403,
8.2242

■ 17.9060, 15.5375,
16.4477

■ 5.7355, 9.4335,
8.1932

■ 19.7695, 16.4831,
17.2137

■ 21.7901, 17.5094,
18.0055

Harmonies

Analogous

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



9.1473, 10.9985, 9.6573



8.9194, 10.9985, 11.7780



9.0840, 10.9985, 14.2481

Triad

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



8.9194, 10.9985, 11.7780



11.2198, 10.9985, 16.5710



11.3462, 10.9985, 8.4762

Complementary

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



8.9194, 10.9985, 11.7780



8.6757, 7.5691, 8.0254

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.



11.9547, 10.9985, 9.9584



8.9194, 10.9985, 11.7780



11.8790, 10.9985, 14.6379

Square

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



8.9194, 10.9985, 11.7780



10.3846, 10.9985, 17.2261



12.1547, 10.9985, 12.1752



10.5232, 10.9985, 7.9175

Rectangle

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



8.9194, 10.9985, 11.7780



9.3993, 10.9985, 15.7291



12.1547, 10.9985, 12.1752



11.5842, 10.9985, 8.8723

Sweetspot

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



8.9197, 10.9989, 11.7782



18.5443, 20.4967, 22.2905



8.6485, 10.9546, 7.4532



4.3628, 4.8492, 5.2717



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



8.9197, 10.9989, 11.7782



14.4052, 18.4195, 19.5415



8.5838, 9.8144, 13.2469



2.6160, 2.8852, 3.1381



7.4604, 12.2902, 10.5967



39.4978, 65.5141, 54.7279

Inverse Universe

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



8.6757, 7.5691, 8.0254



13.9154, 11.5198, 11.9973



8.9229, 8.4380, 6.9529



2.5956, 2.5992, 2.8248



6.9064, 3.5374, 1.3610



36.5938, 18.7770, 5.6812

Previews

White Background



This preview shows how the XYZ color 8.9194, 10.9985, 11.7780 looks on a white background.

Color Contrast Check

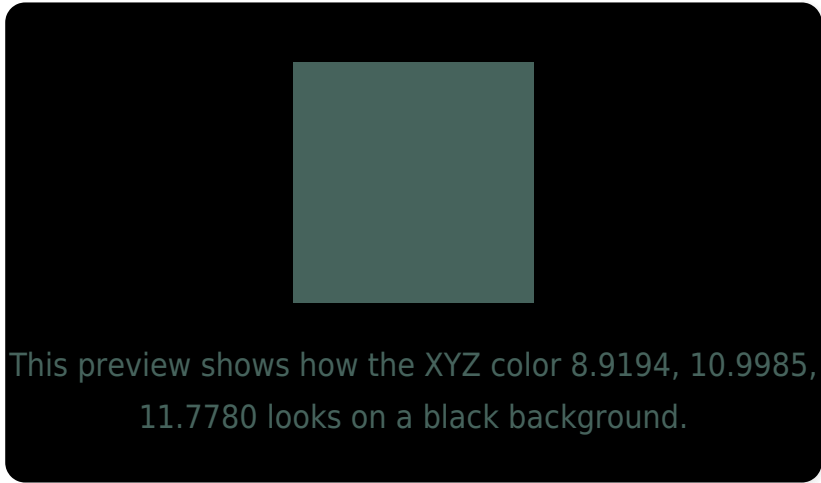
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 8.9194, 10.9985, 11.7780

Background



This preview shows how black text looks on a background with the XYZ color 8.9194, 10.9985, 11.7780.



This preview shows how white text looks on a background with the XYZ color 8.9194, 10.9985,

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

8.9194, 10.9985, 11.7780

Protanopia

10.4997, 11.0201, 10.8062

Deuteranopia

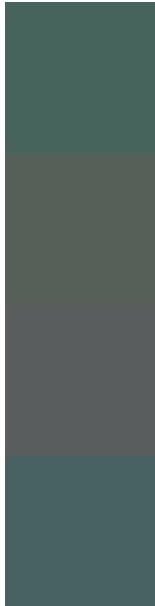
11.0434, 10.8872, 12.1091



Tritanopia

9.5722, 10.9858, 14.9806

Trichromacy



Original Color

8.9194, 10.9985, 11.7780

Protanomaly

9.8259, 10.9319, 11.0434

Deuteranomaly

10.1066, 10.7927, 11.9064

Tritanomaly

9.3404, 11.0332, 13.6939

Monochromacy



Original Color

8.9194, 10.9985, 11.7780

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.3700, 10.4230, 11.4155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.9194, 10.9985, 11.7780 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(70, 99, 92)` looks like.

```
.text, #text, p{  
    color:rgb(70, 99, 92)  
}
```

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(70, 99, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 99, 92) }
```

Border

The CSS property to change the border of an element to XYZ 8.9194, 10.9985, 11.7780 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(70, 99, 92) }
```


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

```
.border{ border-color:rgb(70, 99, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 99, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 99, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 99, 92);  
box-shadow:4px 4px 4px 4px rgb(70, 99, 92)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.9194, 10.9985, 11.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 99, 92) }
```

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

```
.background{ background-color: rgb(70, 99,  
92) }
```

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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