

Converting Colors

XYZ(8.0479, 10.9862, 7.5111)

Have a look what the booklet for
XYZ(8.0479, 10.9862, 7.5111)
contains.

XYZ(8.0059, 10.9078, 7.4778)	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(8.0059, 10.9078,
7.4778)**

Conversions

Conversions Part 1

Format	Color
Hex	426546
RGB	66, 101, 70
RGB Percent	26%, 40%, 27%
CMY	0.7412, 0.6039, 0.7255
CMYK	0.35, 0.00, 0.31, 0.60
HSL	127°, 21%, 33%
HSV	127°, 35%, 40%
XYZ	8.0059, 10.9078, 7.4778
YIQ	87.0010, -10.9090, -17.0610

Conversions

Conversions Part 2

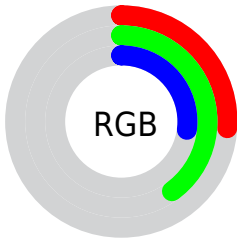
Format	Color
RYB	66, 97, 101
Decimal	4351302
CIELab	39.42, -19.72, 13.66
CIELCh	39, 23.990, 145.301
Yxy	10.9078, 0.3034, 0.4133
Android (android.graphics.Color)	4282541382 (0xFF426546)
YUV	87.0010, -8.3815, -18.4179
Hunter-Lab	33.0270, -14.5279, 9.6947

Details

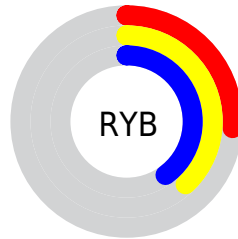
The XYZ color **8.0059, 10.9078, 7.4778** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.4730, 7.5263, 12.2630**, and the grayscale version is **9.0787, 9.5515, 10.4015**.

A 20% lighter version of the original color is **21.5685, 27.4093, 21.2933**, and **1.7941, 2.8616, 1.4351** is the 20% darker color. If you saturate the color by 10%, you get **7.1230, 10.4832, 6.0707**, and if you desaturate by 10%, it is **9.0517, 11.4121, 9.1126**.

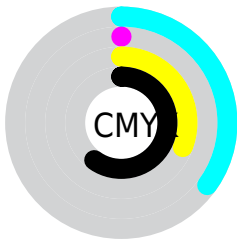
Distribution



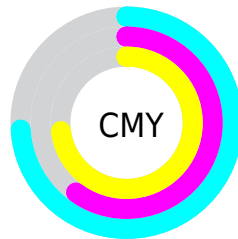
- Red (26%)
- Green (40%)
- Blue (27%)



- Red (26%)
- Yellow (38%)
- Blue (40%)



- Cyan (35%)
- Magenta (0%)
- Yellow (31%)
- Black (60%)



- Cyan (74%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.0059, 10.9078, 7.4778 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 8.0059, 10.9078, 7.4778 by changing the saturation by 10% instead.

8.0059, 10.9078,
7.4778

8.0059, 10.9078,
7.4778

170.1474,
197.0339, 181.3557

4.1506, 6.0049,
3.6797

21.6553, 27.4895,
21.4572

1.7877, 2.8480,
1.4513

32.1801, 39.9372,
32.4756

0.5102, 1.0529,
0.1813

45.6588, 55.6684,
46.7378

0.0000, 0.0000,
0.0000

62.4566, 75.0678,
64.6624

82.9391, 98.5196,
86.6680

107.4714,

126.4083, 113.1730

136.4191,
159.1183, 144.5961

■ 8.0059, 10.9078,
7.4778

■ 8.0059, 10.9078,
7.4778

■ 7.1230, 10.4832,
6.0707

■ 9.0517, 11.4121,
9.1126

■ 6.3939, 10.1329,
4.8806

■ 10.2671, 11.9986,
10.9840

■ 5.8101, 9.8531,
3.8969

■ 11.6596, 12.6710,
13.1009

■ 5.3616, 9.6389,
3.1078

■ 13.2358, 13.4327,
15.4720

■ 5.0375, 9.4850,
2.5005

■ 15.0021, 14.2868,
18.1051

■ 4.8175, 9.3810,
2.0599

■ 16.9646, 15.2363,
21.0080

■ 4.7175, 9.3332,
1.8863

■ 19.1290, 16.2840,
24.1881

■ 21.5010, 17.4325,
27.6525

■ 24.0858, 18.6846,
31.4079

Harmonies

Analogous

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



9.0892, 10.9078, 5.4865



8.0059, 10.9078, 7.4778



7.5559, 10.9078, 11.1589

Triad

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



8.0059, 10.9078, 7.4778



10.1138, 10.9078, 23.2080



13.4553, 10.9078, 8.4495

Complementary

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



8.0059, 10.9078, 7.4778



9.4730, 7.5263, 12.2630

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.



13.8022, 10.9078, 12.6247



8.0059, 10.9078, 7.4778



11.7604, 10.9078, 21.9378

Square

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



8.0059, 10.9078, 7.4778



8.6893, 10.9078, 20.8530



13.1532, 10.9078, 17.7311



12.2491, 10.9078, 5.9362

Rectangle

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



8.0059, 10.9078, 7.4778



7.6374, 10.9078, 14.3970



13.1532, 10.9078, 17.7311



13.6813, 10.9078, 9.6692

Sweetspot

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



8.0062, 10.9083, 7.4780



18.6332, 21.0843, 20.3932



10.6207, 12.2702, 6.9629



4.5268, 5.1599, 4.9296



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



8.0062, 10.9083, 7.4780



12.4352, 18.0960, 10.7549



8.6210, 11.1542, 10.7157



2.8088, 3.1473, 3.0944



6.1757, 12.2339, 2.4206



32.0325, 63.7356, 11.6932

Inverse Universe

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



9.4730, 7.5263, 12.2630



15.3847, 11.2907, 20.3731



8.7633, 7.2425, 8.5256



2.9231, 2.8839, 3.4676



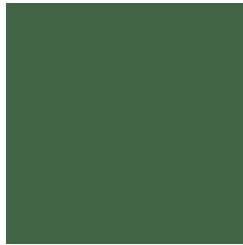
9.4175, 4.5800, 12.8629



48.9130, 23.8052, 66.0102

Previews

White Background



This preview shows how the XYZ color 8.0059, 10.9078, 7.4778 looks on a white background.

Color Contrast Check

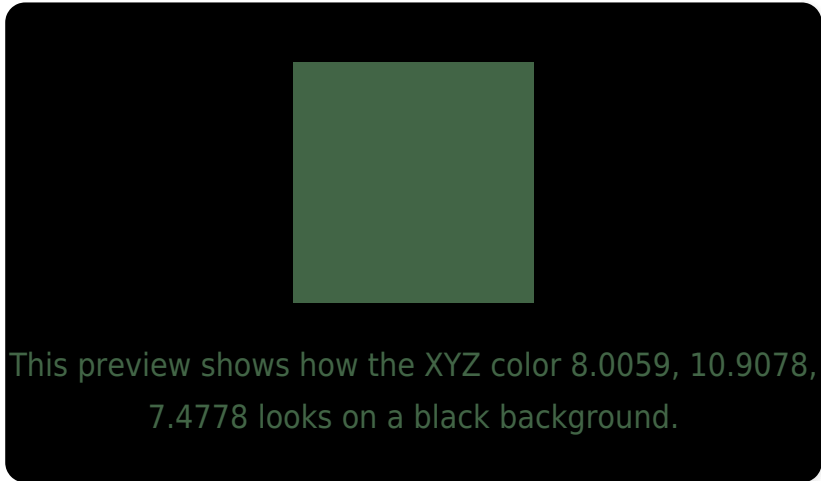
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.0059, 10.9078, 7.4778

Background



This preview shows how black text looks on a background with the XYZ color 8.0059, 10.9078, 7.4778.



This preview shows how white text looks on a background with the XYZ color 8.0059, 10.9078,

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

8.0059, 10.9078, 7.4778

Protanopia

10.0660, 10.7570, 6.7000

Deuteranopia

10.9593, 10.8139, 7.8130



Tritanopia

9.5210, 10.9653, 14.7114

Trichromacy



Original Color

8.0059, 10.9078, 7.4778

Protanomaly

9.1298, 10.6644, 6.8874

Deuteranomaly

9.5983, 10.6237, 7.6756

Tritanomaly

8.8252, 10.8102, 11.7466

Monochromacy



Original Color

8.0059, 10.9078, 7.4778

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

8.5368, 9.9106, 9.2476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.0059, 10.9078, 7.4778 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(66, 101, 70)` looks like.

```
.text, #text, p{  
    color:rgb(66, 101, 70)  
}
```

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(66, 101, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 101, 70) }
```

Border

The CSS property to change the border of an element to XYZ 8.0059, 10.9078, 7.4778 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(66, 101, 70) }
```


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

```
.border{ border-color:rgb(66, 101, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 101, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 101, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 101, 70);  
box-shadow:4px 4px 4px 4px rgb(66, 101,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 8.0059, 10.9078, 7.4778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 101, 70) }
```

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

```
.background{ background-color: rgb(66, 101,  
70) }
```

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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