

Converting Colors

XYZ(8.0707, 10.9345, 7.8181)

Have a look what the booklet for
XYZ(8.0707, 10.9345, 7.8181)
contains.

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Color

**XYZ(8.0701, 10.9335,
7.8159)**

Conversions

Conversions Part 1

Format	Color
Hex	426548
RGB	66, 101, 72
RGB Percent	26%, 40%, 28%
CMY	0.7412, 0.6039, 0.7176
CMYK	0.35, 0.00, 0.29, 0.60
HSL	130°, 21%, 33%
HSV	130°, 35%, 40%
XYZ	8.0701, 10.9335, 7.8159
YIQ	87.2290, -11.5510, -16.4390

Conversions

Conversions Part 2

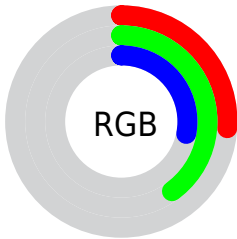
Format	Color
RYB	66, 96, 101
Decimal	4351304
CIELab	39.47, -19.33, 12.52
CIElCh	39, 23.025, 147.074
Yxy	10.9335, 0.3009, 0.4077
Android (android.graphics.Color)	4282541384 (0xFF426548)
YUV	87.2290, -7.5079, -18.6178
Hunter-Lab	33.0658, -14.3002, 9.1315

Details

The XYZ color **8.0701, 10.9335, 7.8159** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.3809, 7.4895, 11.7780**, and the grayscale version is **9.1261, 9.6014, 10.4559**.

A 20% lighter version of the original color is **21.7497, 27.4818, 22.2473**, and **1.8173, 2.8709, 1.5570** is the 20% darker color. If you saturate the color by 10%, you get **7.1942, 10.5117, 6.4456**, and if you desaturate by 10%, it is **9.1040, 11.4331, 9.3882**.

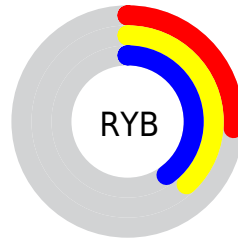
Distribution



Red (26%)

Green (40%)

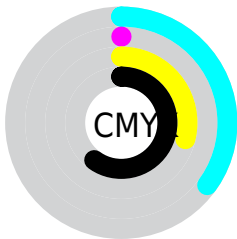
Blue (28%)



Red (26%)

Yellow (38%)

Blue (40%)

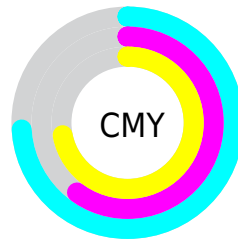


Cyan (35%)

Magenta (0%)

Yellow (29%)

Black (60%)



Cyan (74%)

Magenta (60%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.0701, 10.9335, 7.8159 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 8.0701, 10.9335, 7.8159 by changing the saturation by 10% instead.

■ 8.0701, 10.9335,
7.8159

■ 8.0701, 10.9335,
7.8159

170.6391,
197.2108, 184.1612

■ 4.1920, 6.0221,
3.8913

■ 21.7799, 27.5371,
22.1369

■ 1.8113, 2.8585,
1.5659

■ 32.3422, 39.9982,
33.3704

■ 0.5245, 1.0583,
0.2663

■ 45.8634, 55.7446,
47.8773

■ 0.0000, 0.0000,
0.0000

■ 62.7088, 75.1608,
66.0761

■ 83.2437, 98.6311,
88.3853

107.8335,

126.5399, 115.2235

136.8435,
159.2717, 147.0093

■ 8.0701, 10.9335,
7.8159

■ 8.0701, 10.9335,
7.8159

■ 7.1942, 10.5117,
6.4456

■ 9.1040, 11.4331,
9.3882

■ 6.4675, 10.1624,
5.2683

■ 10.3023, 12.0127,
11.1693

■ 5.8820, 9.8819,
4.2756

■ 11.6721, 12.6760,
13.1669

■ 5.4281, 9.6656,
3.4581

■ 13.2198, 13.4263,
15.3878

■ 5.0955, 9.5082,
2.8056

■ 14.9515, 14.2666,
17.8387

■ 4.8643, 9.3998,
2.3064

■ 16.8730, 15.1997,
20.5259

■ 4.7576, 9.3493,
2.0972

■ 18.9899, 16.2283,
23.4556

■ 21.3075, 17.3552,
26.6336

■ 23.8309, 18.5826,
30.0656

Harmonies

Analogous

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



9.0845, 10.9335, 5.7725



8.0701, 10.9335, 7.8159



7.6727, 10.9335, 11.4711

Triad

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



8.0701, 10.9335, 7.8159



10.2394, 10.9335, 22.7223



13.3011, 10.9335, 8.4044

Complementary

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



8.0701, 10.9335, 7.8159



9.3809, 7.4895, 11.7780

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.



13.6880, 10.9335, 12.3491



8.0701, 10.9335, 7.8159



11.8192, 10.9335, 21.3196

Square

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



8.0701, 10.9335, 7.8159



8.8440, 10.9335, 20.6788



13.1212, 10.9335, 17.2168



12.1108, 10.9335, 6.0477

Rectangle

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



8.0701, 10.9335, 7.8159



7.7780, 10.9335, 14.6119



13.1212, 10.9335, 17.2168



13.5343, 10.9335, 9.5544

Sweetspot

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



8.0704, 10.9340, 7.8161



18.6777, 21.1021, 20.6281



10.3741, 12.1431, 6.9513



4.5387, 5.1646, 4.9923



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.



8.0704, 10.9340, 7.8161



12.5561, 18.1444, 11.3918



8.7179, 11.1930, 11.2261



2.8146, 3.1496, 3.1251



6.2256, 12.2539, 2.6838



32.2362, 63.8170, 12.7658

Inverse Universe

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



9.3809, 7.4895, 11.7780



15.1908, 11.2131, 19.3519



8.6785, 7.2085, 8.0793



2.9168, 2.8814, 3.4343



9.1064, 4.4555, 11.2247



47.2132, 23.1252, 57.0591

Previews

White Background



This preview shows how the XYZ color 8.0701, 10.9335, 7.8159 looks on a white background.

Color Contrast Check

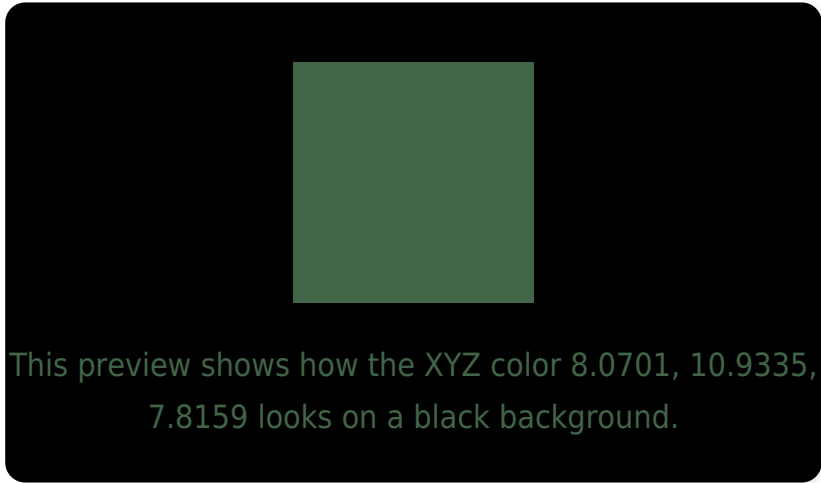
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.0701, 10.9335, 7.8159

Background



This preview shows how black text looks on a background with the XYZ color 8.0701, 10.9335, 7.8159.



This preview shows how white text looks on a background with the XYZ color 8.0701, 10.9335,

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

8.0701, 10.9335, 7.8159

Protanopia

10.1033, 10.8987, 7.0400

Deuteranopia

11.0267, 10.8409, 8.1679



Tritanopia

9.4970, 10.9470, 14.9770

Trichromacy



Original Color

8.0701, 10.9335, 7.8159

Protanomaly

9.1875, 10.8217, 7.2348

Deuteranomaly

9.6646, 10.6503, 8.0249

Tritanomaly

8.8693, 10.8278, 11.9784

Monochromacy



Original Color

8.0701, 10.9335, 7.8159

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

8.5746, 9.9258, 9.4466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.0701, 10.9335, 7.8159 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, 72) looks like.

```
.text, #text, p{  
    color:rgb(66, 101, 72)  
}
```

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, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 101, 72) }
```

Border

The CSS property to change the border of an element to XYZ 8.0701, 10.9335, 7.8159 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, 72) }
```


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

```
.border{ border-color:rgb(66, 101, 72) }
```

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, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 101, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 101, 72);  
box-shadow:4px 4px 4px 4px rgb(66, 101,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 8.0701, 10.9335, 7.8159 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, 72) }
```

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

```
.background{ background-color: rgb(66, 101,  
72) }
```

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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