

Converting Colors

XYZ(11.0914, 8.6611, 3.1773)

Have a look what the booklet for
XYZ(11.0914, 8.6611, 3.1773)
contains.

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Color

**XYZ(11.1598, 8.6864,
3.1863)**

Conversions

Conversions Part 1

Format	Color
Hex	7F4329
RGB	127, 67, 41
RGB Percent	50%, 26%, 16%
CMY	0.5020, 0.7372, 0.8392
CMYK	0.00, 0.47, 0.68, 0.50
HSL	18°, 51%, 33%
HSV	18°, 68%, 50%
XYZ	11.1598, 8.6864, 3.1863
YIQ	81.9760, 44.1060, 4.6340

Conversions

Conversions Part 2

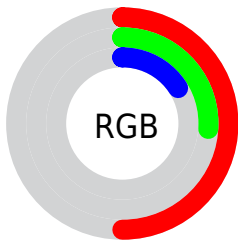
Format	Color
RYB	127, 78, 41
Decimal	8340265
CIELab	35.37, 23.40, 26.94
CIELCh	35, 35.686, 49.026
Yxy	8.6864, 0.4845, 0.3771
Android (android.graphics.Color)	4286530345 (0xFF7F4329)
YUV	81.9760, -20.2012, 39.4860
Hunter-Lab	29.4727, 16.0116, 14.2210

Details

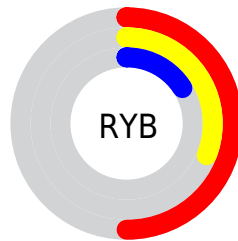
The XYZ color **11.1598, 8.6864, 3.1863** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **9.3987, 11.3106, 21.7664**, and the grayscale version is **8.0485, 8.4676, 9.2213**.

A 20% lighter version of the original color is **27.4941, 23.2462, 12.0547**, and **3.0922, 1.9922, 0.2216** is the 20% darker color. If you saturate the color by 10%, you get **10.4859, 7.6379, 2.0392**, and if you desaturate by 10%, it is **11.9863, 9.9257, 4.7374**.

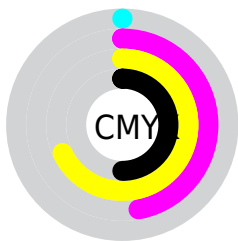
Distribution



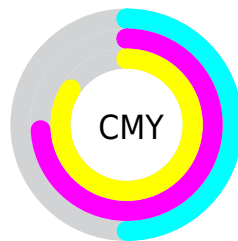
- Red (50%)
- Green (26%)
- Blue (16%)



- Red (50%)
- Yellow (31%)
- Blue (16%)



- Cyan (0%)
- Magenta (47%)
- Yellow (68%)
- Black (50%)



- Cyan (50%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1598, 8.6864, 3.1863 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 11.1598, 8.6864, 3.1863 by changing the saturation by 10% instead.

■ 11.1598, 8.6864,
3.1863

■ 11.1598, 8.6864,
3.1863

192.6463,
181.0209, 138.6992

■ 6.2425, 4.5372,
1.1905

■ 27.5856, 23.2935,
12.0848

■ 3.0352, 1.9784,
0.0000

■ 39.8249, 34.5202,
19.8246

■ 1.1724, 0.5949,
0.0000

■ 55.2355, 48.8748,
30.3161

■ 0.0844, 0.0000,
0.0000

■ 74.1828, 66.7417,
43.9780

■ 0.0000, 0.0000,
0.0000

■ 97.0322, 88.5054,
61.2287

■ 124.1490,

114.5503, 82.4867

155.8986,
145.2606, 108.1707

11.1598, 8.6864,
3.1863

11.1598, 8.6864,
3.1863

10.4859, 7.6379,
2.0392

11.9863, 9.9257,
4.7374

9.9532, 6.7687,
1.2566

12.9744, 11.3637,
6.7261

9.5414, 6.0647,
0.7510

14.1331, 13.0096,
9.1826

9.4583, 5.9239,
0.6449

15.4706, 14.8714,
12.1348

16.9942, 16.9570,
15.6079

■ 18.7113, 19.2735,
19.6256

■ 20.6284, 21.8279,
24.2102

■ 22.7519, 24.6268,
29.3827

■ 25.0880, 27.6766,
35.1629

Harmonies

Analogous

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



12.6337, 8.6864, 6.1994



11.1598, 8.6864, 3.1863



9.0396, 8.6864, 2.0890

Triad

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



11.1598, 8.6864, 3.1863



4.9249, 8.6864, 7.4445



9.6270, 8.6864, 24.9037

Complementary

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



11.1598, 8.6864, 3.1863



9.3987, 11.3106, 21.7664

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.



7.5194, 8.6864, 25.7044



11.1598, 8.6864, 3.1863



5.0284, 8.6864, 13.6956

Square

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



11.1598, 8.6864, 3.1863



5.5943, 8.6864, 3.7681



5.9057, 8.6864, 20.9804



11.6514, 8.6864, 19.1084

Rectangle

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



11.1598, 8.6864, 3.1863



7.6457, 8.6864, 2.0645



5.9057, 8.6864, 20.9804



8.8983, 8.6864, 25.8360

Sweetspot

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



11.1600, 8.6869, 3.1865



29.6456, 29.2944, 26.1376



11.9041, 7.0415, 13.0951



6.7876, 6.6493, 5.7693



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.1600, 8.6869, 3.1865



18.2503, 12.8275, 2.8447



14.7070, 15.7809, 4.3688



4.4256, 4.5399, 4.5632



9.5379, 5.9722, 0.6501



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.3987, 11.3106, 21.7664



14.7934, 17.7498, 38.6026



6.2685, 5.0501, 20.7230



4.3401, 4.6742, 5.4867



7.4316, 8.6817, 21.5340



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.1598, 8.6864, 3.1863 looks on a white background.

Color Contrast Check

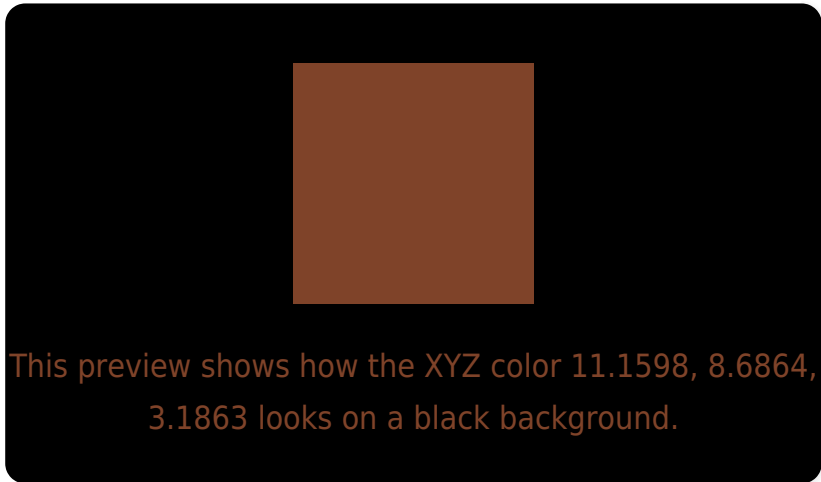
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 11.1598, 8.6864, 3.1863

Background



This preview shows how black text looks on a background with the XYZ color 11.1598, 8.6864, 3.1863.



This preview shows how white text looks on a background with the XYZ color 11.1598, 8.6864,

3.1863.

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

11.1598, 8.6864, 3.1863

Protanopia

8.0970, 8.8212, 3.9652

Deuteranopia

8.9274, 8.8203, 3.0657



Tritanopia

11.9300, 8.7513, 6.5292

Trichromacy



Original Color

11.1598, 8.6864, 3.1863

Protanomaly

9.0237, 8.6415, 3.6750

Deuteranomaly

9.5644, 8.6234, 3.0798

Tritanomaly

11.5561, 8.6753, 5.0684

Monochromacy



Original Color

11.1598, 8.6864, 3.1863

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

8.7040, 8.3097, 6.4554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1598, 8.6864, 3.1863 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(127, 67, 41)` looks like.

```
.text, #text, p{  
    color:rgb(127, 67, 41)  
}
```

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(127, 67, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 67, 41) }
```

Border

The CSS property to change the border of an element to XYZ 11.1598, 8.6864, 3.1863 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(127, 67, 41) }
```


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

```
.border{ border-color:rgb(127, 67, 41) }
```

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

Here you see how a box with a 4 pixel rgb(127, 67, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 67, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 67, 41);  
box-shadow:4px 4px 4px 4px rgb(127, 67,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1598, 8.6864, 3.1863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 67, 41) }
```

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

```
.background{ background-color: rgb(127, 67,  
41) }
```

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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