

Converting Colors

XYZ(7.7467, 14.4573, 11.2483)

Have a look what the booklet for
XYZ(7.7467, 14.4573, 11.2483)
contains.

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Color

**XYZ(8.8874, 15.0872,
11.2478)**

Conversions

Conversions Part 1

Format	Color
Hex	007C56
RGB	0, 124, 86
RGB Percent	0%, 49%, 34%
CMY	1.0000, 0.5137, 0.6627
CMYK	1.00, 0.00, 0.31, 0.51
HSL	162°, 100%, 24%
HSV	162°, 100%, 49%
XYZ	8.8874, 15.0872, 11.2478
YIQ	82.5920, -61.7060, -38.1060

Conversions

Conversions Part 2

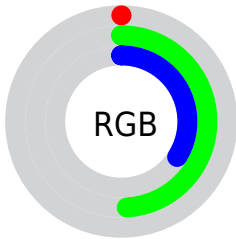
Format	Color
RYB	0, 73, 124
Decimal	31830
CIELab	45.75, -39.24, 12.63
CIELCh	46, 41.219, 162.158
Yxy	15.0872, 0.2523, 0.4283
Android (android.graphics.Color)	4278221910 (0xFF007C56)
YUV	82.5920, 1.6801, -72.4332
Hunter-Lab	38.8422, -27.1318, 10.0206

Details

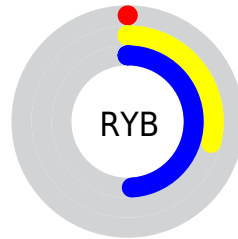
The XYZ color **8.8874, 15.0872, 11.2478** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **8.6626, 4.4255, 2.2323**, and the grayscale version is **8.1457, 8.5699, 9.3326**.

A 20% lighter version of the original color is **23.2266, 34.7996, 28.7854**, and **2.8490, 5.0577, 2.9239** is the 20% darker color. If you saturate the color by 10%, you get **8.8875, 15.0877, 11.2475**, and if you desaturate by 10%, it is **9.2024, 15.2318, 12.0837**.

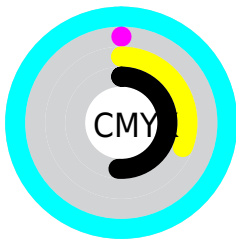
Distribution



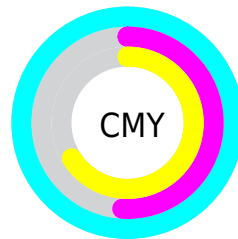
- Red (0%)
- Green (49%)
- Blue (34%)



- Red (0%)
- Yellow (29%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (51%)





- Cyan (100%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 8.8874, 15.0872, 11.2478 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 8.8874, 15.0872, 11.2478 by changing the saturation by 10% instead.


 8.8874, 15.0872,
11.2478


 8.8874, 15.0872,
11.2478


176.7606,
223.8934, 210.1579


 4.7243, 8.8806,
6.1175


 23.3498, 35.0061,
28.7611


 2.1195, 4.6634,
2.8467

 34.3797, 49.4872,
41.9812


 0.6998, 2.0511,
1.0169

 48.4294, 67.4952,
58.7350

 0.0000, 0.6369,
0.0000

 65.8641, 89.4146,
79.4410

 0.0000, 0.0000,
0.0000

 87.0493, 115.6297,
104.5177

 112.3501,

146.5249, 134.3837

142.1321,
182.4847, 169.4576

■ 8.8874, 15.0872,
11.2478

■ 8.8874, 15.0872,
11.2478

■ 8.8875, 15.0877,
11.2475

■ 9.2024, 15.2318,
12.0837

■ 9.6067, 15.4211,
12.9665

■ 10.1549, 15.6836,
13.8999

■ 10.8631, 16.0277,
14.8852

■ 11.7452, 16.4603,
15.9236

■ 12.8135, 16.9880,
17.0163

■ 14.0792, 17.6164,
18.1644

■ 15.5527, 18.3508,
19.3690

■ 17.2434, 19.1962,
20.6310

Harmonies

Analogous

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



10.3173, 15.0872, 5.9549



8.8874, 15.0872, 11.2478



8.7637, 15.0872, 20.7821

Triad

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



8.8874, 15.0872, 11.2478



15.7892, 15.0872, 43.0270



19.8668, 15.0872, 6.6612

Complementary

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



8.8874, 15.0872, 11.2478



8.6626, 4.4255, 2.2323

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.



21.8878, 15.0872, 12.7279



8.8874, 15.0872, 11.2478



19.2920, 15.0872, 35.0174

Square

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



8.8874, 15.0872, 11.2478



12.3941, 15.0872, 42.1033



21.6620, 15.0872, 22.9937



16.4794, 15.0872, 4.1368

Rectangle

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



8.8874, 15.0872, 11.2478



9.4073, 15.0872, 28.8184



21.6620, 15.0872, 22.9937



20.7513, 15.0872, 8.2213

Sweetspot

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



8.8878, 15.0878, 11.2482



24.6028, 30.9138, 31.8152



8.0551, 14.8526, 2.4426



5.6042, 7.1862, 7.3252



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



8.8878, 15.0878, 11.2482



15.5759, 26.5244, 19.4576



8.3183, 10.8153, 20.7186



4.0572, 4.4925, 4.8352



9.0335, 15.3371, 11.4274



42.6976, 73.0021, 52.4388

Inverse Universe

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



8.6626, 4.4255, 2.2323



15.1869, 7.7645, 3.6302



8.6138, 4.8879, 0.4897



4.0442, 4.0334, 4.4305



8.8048, 4.4981, 2.2629



41.6607, 21.3206, 9.0095

Previews

White Background



This preview shows how the XYZ color 8.8874, 15.0872, 11.2478 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 8.8874, 15.0872, 11.2478 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 8.8874, 15.0872, 11.2478

Background



This preview shows how black text looks on a background with the XYZ color 8.8874, 15.0872, 11.2478.



This preview shows how white text looks on a background with the XYZ color 8.8874, 15.0872,

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

8.8874, 15.0872, 11.2478

Protanopia

13.9763, 15.0026, 9.5563

Deuteranopia

15.2961, 15.0159, 11.9897



Tritanopia

11.4480, 15.2444, 22.7612

Trichromacy



Original Color

8.8874, 15.0872, 11.2478

Protanomaly

10.3643, 14.0997, 10.1579

Deuteranomaly

10.7959, 13.7956, 11.5450

Tritanomaly

10.2700, 15.1000, 17.9961

Monochromacy



Original Color

8.8874, 15.0872, 11.2478

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

7.4361, 10.1323, 9.9513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.8874, 15.0872, 11.2478 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(0, 124, 86)` looks like.

```
.text, #text, p{  
    color:rgb(0, 124, 86)  
}
```

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(0, 124, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 124, 86) }
```

Border

The CSS property to change the border of an element to XYZ 8.8874, 15.0872, 11.2478 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(0, 124, 86) }
```


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

```
.border{ border-color:rgb(0, 124, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 124, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 124, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 124, 86);  
box-shadow:4px 4px 4px 4px rgb(0, 124, 86)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.8874, 15.0872, 11.2478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 124, 86) }
```

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

```
.background{ background-color: rgb(0, 124,  
86) }
```

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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