

Converting Colors

XYZ(8.3762, 15.6427, 6.1077)

Have a look what the booklet for
XYZ(8.3762, 15.6427, 6.1077)
contains.

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Color

**XYZ(8.4101, 15.7176,
6.0806)**

Conversions

Conversions Part 1

Format	Color
Hex	028036
RGB	2, 128, 54
RGB Percent	1%, 50%, 21%
CMY	0.9921, 0.4980, 0.7882
CMYK	0.98, 0.00, 0.58, 0.50
HSL	145°, 97%, 25%
HSV	145°, 98%, 50%
XYZ	8.4101, 15.7176, 6.0806
YIQ	81.8900, -51.3420, -49.7260

Conversions

Conversions Part 2

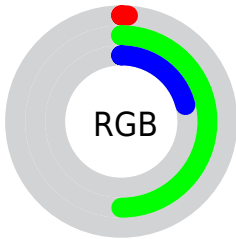
Format	Color
RYB	2, 91, 128
Decimal	163894
CIELab	46.60, -47.03, 31.49
CIElCh	47, 56.598, 146.197
Yxy	15.7176, 0.2784, 0.5203
Android (android.graphics.Color)	4278353974 (0xFF028036)
YUV	81.8900, -13.7498, -70.0635
Hunter-Lab	39.6454, -31.5138, 18.6582

Details

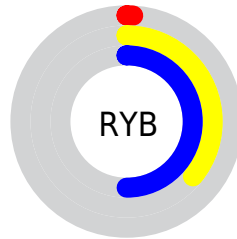
The XYZ color **8.4101, 15.7176, 6.0806** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **10.2289, 5.1548, 7.2944**, and the grayscale version is **8.0327, 8.4510, 9.2031**.

A 20% lighter version of the original color is **22.4844, 36.1406, 18.6228**, and **2.6813, 5.3187, 1.0289** is the 20% darker color. If you saturate the color by 10%, you get **8.3580, 15.6944, 5.9358**, and if you desaturate by 10%, it is **8.7697, 15.8814, 7.0919**.

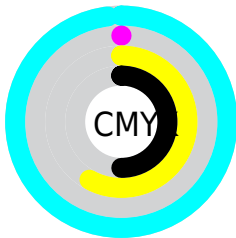
Distribution



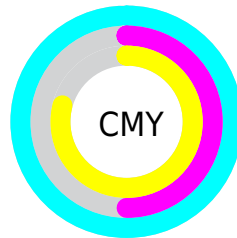
- Red (1%)
- Green (50%)
- Blue (21%)



- Red (1%)
- Yellow (36%)
- Blue (50%)



- Cyan (98%)
- Magenta (0%)
- Yellow (58%)
- Black (50%)





- Cyan (99%)
- Magenta (50%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.4101, 15.7176, 6.0806 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 8.4101, 15.7176, 6.0806 by changing the saturation by 10% instead.


 8.4101, 15.7176,
6.0806


 8.4101, 15.7176,
6.0806

173.2161,
227.6695, 169.1194


 4.4125, 9.3245,
2.8246


 22.4364, 36.1072,
18.5785


 1.9380, 4.9535,
1.0058


 33.1957, 50.8726,
28.6575


 0.5988, 2.2200,
0.0000

 46.9397, 69.1976,
41.8478

 0.0000, 0.7309,
0.0000

 64.0336, 91.4665,
58.5681

 0.0000, 0.0000,
0.0000

 84.8428, 118.0637,
79.2369

 109.7328,

149.3737, 104.2726

139.0688,
185.7808, 134.0939

■ 8.4101, 15.7176,
6.0806

■ 8.4101, 15.7176,
6.0806

■ 8.3580, 15.6944,
5.9358

■ 8.7697, 15.8814,
7.0919

■ 9.2630, 16.1104,
8.2578

■ 9.9343, 16.4278,
9.5865

■ 10.8017, 16.8427,
11.0843

■ 11.8807, 17.3630,
12.7570

■ 13.1853, 17.9959,
14.6104

■ 14.7283, 18.7478,
16.6497

■ 16.5214, 19.6247,
18.8800

■ 18.5755, 20.6321,
21.3063

Harmonies

Analogous

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



11.1616, 15.7176, 2.5405



8.4101, 15.7176, 6.0806



7.3855, 15.7176, 15.3897

Triad

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



8.4101, 15.7176, 6.0806



14.3243, 15.7176, 60.4833



25.0610, 15.7176, 7.7676

Complementary

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



8.4101, 15.7176, 6.0806



10.2289, 5.1548, 7.2944

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.



26.4189, 15.7176, 18.9621



8.4101, 15.7176, 6.0806



19.4852, 15.7176, 54.4191

Square

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



8.4101, 15.7176, 6.0806



10.2959, 15.7176, 50.6488



24.1911, 15.7176, 36.8858



20.8029, 15.7176, 3.0747

Rectangle

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



8.4101, 15.7176, 6.0806



7.6080, 15.7176, 25.7757



24.1911, 15.7176, 36.8858



25.9068, 15.7176, 10.6489

Sweetspot

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



8.4105, 15.7182, 6.0810



25.2794, 32.6895, 28.4737



10.8400, 17.0463, 2.7766



5.6895, 7.5418, 6.3656



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.



8.4105, 15.7182, 6.0810



14.6465, 27.6039, 10.0895



10.8623, 16.6990, 18.9921



4.3439, 4.8459, 4.9822



8.2879, 15.5618, 5.8890



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.2289, 5.1548, 7.2944



17.8475, 8.9496, 12.1813



9.0076, 4.6663, 0.8633



4.4254, 4.3833, 5.0445



10.0931, 5.0569, 7.0798



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 8.4101, 15.7176, 6.0806 looks on a white background.

Color Contrast Check

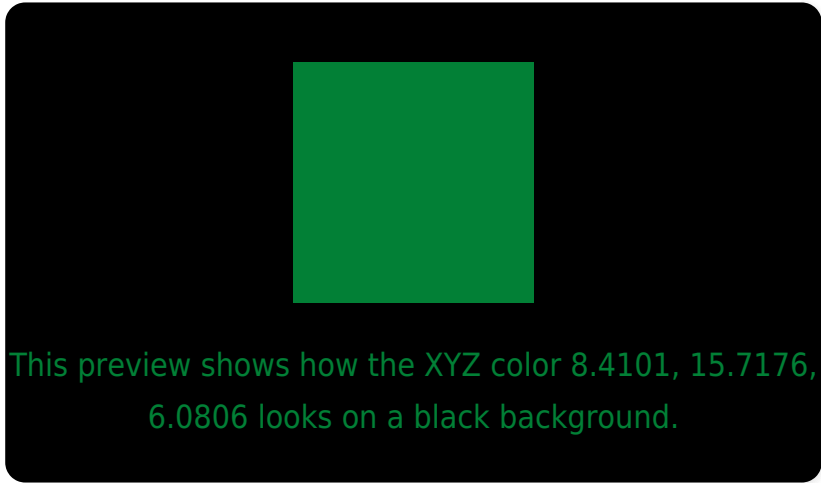
Large Text (above 18pt) WCAG AA ✓ Pass

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

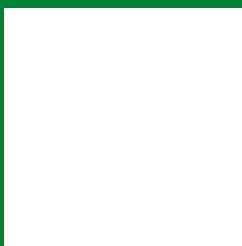
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 8.4101, 15.7176, 6.0806

Background



This preview shows how black text looks on a background with the XYZ color 8.4101, 15.7176, 6.0806.



This preview shows how white text looks on a background with the XYZ color 8.4101, 15.7176,

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

8.4101, 15.7176, 6.0806

Protanopia

14.1355, 15.5028, 5.0436

Deuteranopia

15.6987, 15.4977, 6.4389



Tritanopia

12.1110, 15.7485, 23.5205

Trichromacy



Original Color

8.4101, 15.7176, 6.0806



Protanomaly

10.0789, 14.5726, 5.2992



Deuteranomaly

10.5066, 14.0942, 6.1697



Tritanomaly

10.1084, 15.4486, 15.0195

Monochromacy



Original Color

8.4101, 15.7176, 6.0806



Achromatopsia

8.0200, 8.4376, 9.1886



Achromatomaly

7.0997, 10.1484, 7.7155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.4101, 15.7176, 6.0806 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(2, 128, 54)` looks like.

```
.text, #text, p{  
    color:rgb(2, 128, 54)  
}
```

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(2, 128, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 128, 54) }
```

Border

The CSS property to change the border of an element to XYZ 8.4101, 15.7176, 6.0806 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(2, 128, 54) }
```


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

```
.border{ border-color:rgb(2, 128, 54) }
```

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

Here you see how a box with a 4 pixel rgb(2, 128, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 128, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 128, 54);  
box-shadow:4px 4px 4px 4px rgb(2, 128, 54)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.4101, 15.7176, 6.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 128, 54) }
```

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

```
.background{ background-color: rgb(2, 128,  
54) }
```

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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