

Converting Colors

XYZ(8.1625, 15.4335, 4.4131)

Have a look what the booklet for
XYZ(8.1625, 15.4335, 4.4131)
contains.

XYZ(8.1529, 15.4288, 4.3821)	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(8.1529, 15.4288,
4.3821)**

Conversions

Conversions Part 1

Format	Color
Hex	107F26
RGB	16, 127, 38
RGB Percent	6%, 50%, 15%
CMY	0.9372, 0.5020, 0.8510
CMYK	0.87, 0.00, 0.70, 0.50
HSL	132°, 78%, 28%
HSV	132°, 87%, 50%
XYZ	8.1529, 15.4288, 4.3821
YIQ	83.6650, -37.5870, -51.2110

Conversions

Conversions Part 2

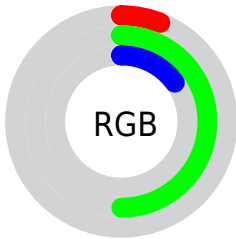
Format	Color
RYB	16, 109, 127
Decimal	1081126
CIELab	46.22, -47.66, 38.73
CIElCh	46, 61.414, 140.903
Yxy	15.4288, 0.2916, 0.5517
Android (android.graphics.Color)	4279271206 (0xFF107F26)
YUV	83.6650, -22.5128, -59.3422
Hunter-Lab	39.2795, -31.6895, 20.8811

Details

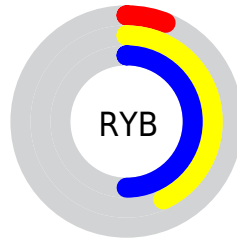
The XYZ color **8.1529, 15.4288, 4.3821** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **11.4879, 5.9028, 13.8986**, and the grayscale version is **8.4086, 8.8465, 9.6338**.

A 20% lighter version of the original color is **21.9415, 35.6371, 14.9547**, and **2.5844, 5.1689, 0.8615** is the 20% darker color. If you saturate the color by 10%, you get **7.8384, 15.2836, 3.6243**, and if you desaturate by 10%, it is **8.6253, 15.6511, 5.3829**.

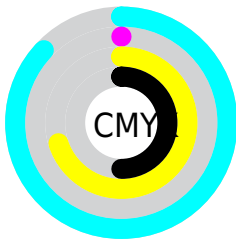
Distribution



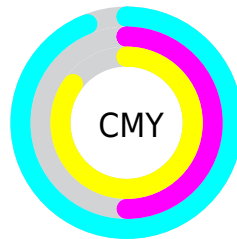
- Red (6%)
- Green (50%)
- Blue (15%)



- Red (6%)
- Yellow (43%)
- Blue (50%)



- Cyan (87%)
- Magenta (0%)
- Yellow (70%)
- Black (50%)





- Cyan (94%)
- Magenta (50%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 8.1529, 15.4288, 4.3821 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 8.1529, 15.4288, 4.3821 by changing the saturation by 10% instead.


 8.1529, 15.4288,
4.3821


 8.1529, 15.4288,
4.3821


171.2709,
225.9472, 152.3822


 4.2456, 9.1209,
1.8372


 21.9402, 35.6037,
14.8818


 1.8420, 4.8201,
0.4523

 32.5509, 50.2394,
23.6738


 0.5428, 2.1421,
0.0000

 46.1267, 68.4199,
35.3851

 0.0000, 0.6881,
0.0000

 63.0331, 90.5295,
50.4344

 0.0000, 0.0000,
0.0000

 83.6353, 116.9527,
69.2402

 108.2988,

148.0737, 92.2211

137.3889,
184.2771, 119.7956

■ 8.1529, 15.4288,
4.3821

■ 8.1529, 15.4288,
4.3821

■ 7.8384, 15.2836,
3.6243

■ 8.6253, 15.6511,
5.3829

■ 7.7670, 15.2502,
3.4638

■ 9.2934, 15.9683,
6.6448

■ 10.1768, 16.3905,
8.1849

■ 11.2925, 16.9263,
10.0185

■ 12.6558, 17.5831,
12.1599

■ 14.2805, 18.3679,
14.6223

■ 16.1796, 19.2869,
17.4181

■ 18.3650, 20.3463,
20.5593

■ 20.8480, 21.5515,
24.0569

Harmonies

Analogous

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



11.3557, 15.4288, 1.6908



8.1529, 15.4288, 4.3821



6.7963, 15.4288, 12.6378

Triad

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



8.1529, 15.4288, 4.3821



13.1287, 15.4288, 64.4328



26.2338, 15.4288, 8.4642

Complementary

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



8.1529, 15.4288, 4.3821



11.4879, 5.9028, 13.8986

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.



27.0322, 15.4288, 21.7867



8.1529, 15.4288, 4.3821



18.5610, 15.4288, 60.7418

Square

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



8.1529, 15.4288, 4.3821



9.1844, 15.4288, 50.6162



23.9557, 15.4288, 42.3564



21.9801, 15.4288, 2.8824

Rectangle

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



8.1529, 15.4288, 4.3821



6.8294, 15.4288, 22.8695



23.9557, 15.4288, 42.3564



26.9493, 15.4288, 11.9113

Sweetspot

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



8.1533, 15.4294, 4.3824



25.8200, 33.0112, 26.5537



13.7048, 18.3210, 3.3043



5.8344, 7.6269, 5.9016



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.



8.1533, 15.4294, 4.3824



13.8633, 27.2906, 5.9651



9.7287, 16.0596, 12.6784



4.3082, 4.8316, 4.7942



7.8325, 15.3796, 3.4909



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.4879, 5.9028, 13.8986



19.9000, 9.7706, 22.9899



9.5389, 5.1232, 3.6357



4.4628, 4.3983, 5.2415



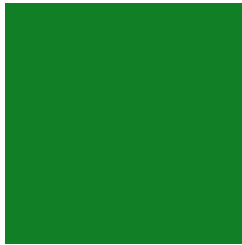
11.2367, 5.5144, 13.1019



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 8.1529, 15.4288, 4.3821 looks on a white background.

Color Contrast Check

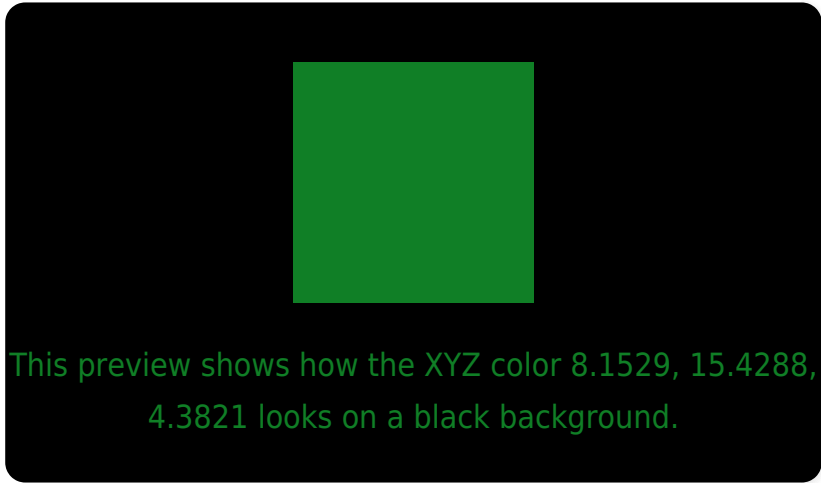
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.1529, 15.4288, 4.3821

Background



This preview shows how black text looks on a background with the XYZ color 8.1529, 15.4288, 4.3821.



This preview shows how white text looks on a background with the XYZ color 8.1529, 15.4288,

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

8.1529, 15.4288, 4.3821

Protanopia

13.7692, 15.1847, 3.6441

Deuteranopia

15.4351, 15.2488, 4.7146



Tritanopia

12.0144, 15.5364, 22.7877

Trichromacy



Original Color

8.1529, 15.4288, 4.3821

Protanomaly

10.1160, 14.4511, 3.8463

Deuteranomaly

10.6438, 14.0381, 4.4341

Tritanomaly

9.9002, 15.1964, 13.2379

Monochromacy



Original Color

8.1529, 15.4288, 4.3821

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

7.3739, 10.4494, 6.9385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.1529, 15.4288, 4.3821 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(16, 127, 38)` looks like.

```
.text, #text, p{  
    color:rgb(16, 127, 38)  
}
```

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(16, 127, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 127, 38) }
```

Border

The CSS property to change the border of an element to XYZ 8.1529, 15.4288, 4.3821 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(16, 127, 38) }
```


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

```
.border{ border-color:rgb(16, 127, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 127, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 127, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 127, 38);  
box-shadow:4px 4px 4px 4px rgb(16, 127,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 8.1529, 15.4288, 4.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 127, 38) }
```

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

```
.background{ background-color: rgb(16, 127,  
38) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor