

Converting Colors

XYZ(15.2417, 30.3259, 5.0789)

Have a look what the booklet for
XYZ(15.2417, 30.3259, 5.0789)
contains.

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Color

**XYZ(15.2417, 30.3259,
5.0789)**

Conversions

Conversions Part 1

Format	Color
Hex	08AE01
RGB	8, 174, 1
RGB Percent	3%, 68%, 0%
CMY	0.9686, 0.3176, 0.9960
CMYK	0.95, 0.00, 0.99, 0.32
HSL	118°, 99%, 34%
HSV	118°, 99%, 68%
XYZ	15.2417, 30.3259, 5.0789
YIQ	104.6440, -43.4030, -88.9950

Conversions

Conversions Part 2

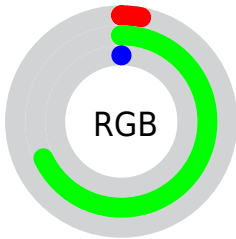
Format	Color
RYB	1, 174, 167
Decimal	568833
CIELab	61.93, -64.28, 62.38
CIELCh	62, 89.568, 135.861
Yxy	30.3259, 0.3009, 0.5988
Android (android.graphics.Color)	4278758913 (0xFF08AE01)
YUV	104.6440, -51.0965, -84.7568
Hunter-Lab	55.0690, -46.9664, 33.0801

Details

The XYZ color **15.2417, 30.3259, 5.0789** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **23.5911, 11.2955, 40.9828**, and the grayscale version is **13.4745, 14.1762, 15.4379**.

A 20% lighter version of the original color is **34.8829, 60.2565, 16.4488**, and **6.7165, 13.4329, 2.2388** is the 20% darker color. If you saturate the color by 10%, you get **15.2246, 30.3186, 5.0497**, and if you desaturate by 10%, it is **15.6429, 30.5212, 5.6571**.

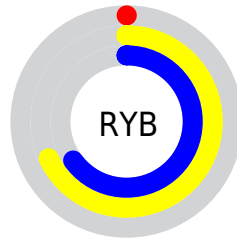
Distribution



Red (3%)

Green (68%)

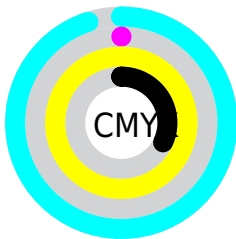
Blue (0%)



Red (0%)

Yellow (68%)

Blue (65%)

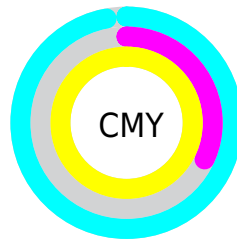


Cyan (95%)

Magenta (0%)

Yellow (99%)

Black (32%)



Cyan (97%)


Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2417, 30.3259, 5.0789 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 15.2417, 30.3259, 5.0789 by changing the saturation by 10% instead.


 15.2417, 30.3259,
5.0789


 15.2417, 30.3259,
5.0789


218.1840,
303.4206, 159.5533


 9.0766, 20.0861,
2.2341


 34.8448, 60.1772,
16.4302


 4.8487, 12.4576,
0.6939


 49.0136, 80.5575,
25.7737


 2.1926, 7.0562,
0.0000


 66.5809, 105.0867,
38.1205

 0.7388, 3.4972,
0.0000

 87.9122, 134.1492,
53.8892

 0.0000, 1.3965,
0.0000

 113.3728,
168.1295, 73.4983


 0.0000, 0.2142,
0.0000

 143.3281,


 0.0000, 0.0000,


207.4119, 97.3663


0.0000


 178.1434,
252.3808, 125.9118


 15.2417, 30.3259,
5.0789


 15.2417, 30.3259,
5.0789


 15.2246, 30.3186,
5.0497

 15.6429, 30.5212,
5.6571

 16.3827, 30.8792,
6.7513

 17.5348, 31.4348,
8.5379

 19.1473, 32.2109,
11.1054

 21.2619, 33.2274,
14.5295

■ 23.9154, 34.5019,
18.8769

■ 27.1414, 36.0503,
24.2076

■ 30.9706, 37.8873,
30.5766

■ 35.4316, 40.0265,
38.0350

Harmonies

Analogous

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



22.9705, 30.3259, 1.5252



15.2417, 30.3259, 5.0789



11.7487, 30.3259, 19.3741

Triad

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



15.2417, 30.3259, 5.0789



23.5508, 30.3259, 147.3569



57.1767, 30.3259, 18.0610

Complementary

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



15.2417, 30.3259, 5.0789



23.5911, 11.2955, 40.9828

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.



57.4604, 30.3259, 51.9179



15.2417, 30.3259, 5.0789



35.5957, 30.3259, 145.9685

Square

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



15.2417, 30.3259, 5.0789



15.5645, 30.3259, 106.6911



48.7383, 30.3259, 103.6524



48.0460, 30.3259, 4.6865

Rectangle

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



15.2417, 30.3259, 5.0789



11.4338, 30.3259, 40.2323



48.7383, 30.3259, 103.6524



58.3807, 30.3259, 26.7252

Sweetspot

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



15.2424, 30.3272, 5.0796



48.5239, 65.0504, 42.7380



30.9808, 36.0393, 5.3526



10.2296, 14.1917, 8.5802



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



15.2424, 30.3272, 5.0796



27.5701, 54.9700, 9.1572



16.5556, 30.8423, 12.4512



7.9333, 8.9542, 8.5236



11.0544, 21.9958, 3.6630



0.3170, 0.6168, 0.1023

Inverse Universe

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



23.5911, 11.2955, 40.9828



42.7071, 20.4154, 74.3265



19.5860, 9.8686, 11.9774



8.3046, 8.1313, 10.0845



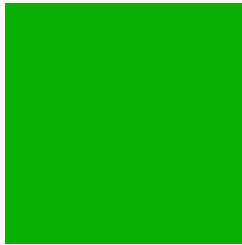
17.1083, 8.1795, 29.7216



0.4855, 0.2325, 0.8273

Previews

White Background



This preview shows how the XYZ color 15.2417, 30.3259, 5.0789 looks on a white 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

Black Background



This preview shows how the XYZ color 15.2417, 30.3259, 5.0789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

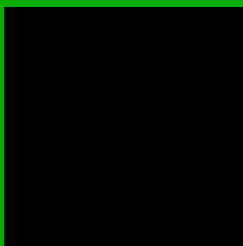
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 15.2417, 30.3259, 5.0789

Background



This preview shows how black text looks on a background with the XYZ color 15.2417, 30.3259, 5.0789.



This preview shows how white text looks on a background with the XYZ color 15.2417, 30.3259,

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

15.2417, 30.3259, 5.0789

Protanopia

26.8959, 29.8197, 4.3382

Deuteranopia

30.3682, 29.7545, 5.9763



Tritanopia

23.4058, 30.3523, 45.1824

Trichromacy



Original Color

15.2417, 30.3259, 5.0789



Protanomaly

18.6573, 27.7687, 4.3766



Deuteranomaly

19.5927, 26.9902, 5.0967



Tritanomaly

17.8275, 29.0953, 20.0056

Monochromacy



Original Color

15.2417, 30.3259, 5.0789



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

11.5215, 17.6726, 8.1141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2417, 30.3259, 5.0789 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(8, 174, 1)` looks like.

```
.text, #text, p{  
    color:rgb(8, 174, 1)  
}
```

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(8, 174, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 174, 1) }
```

Border

The CSS property to change the border of an element to XYZ 15.2417, 30.3259, 5.0789 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(8, 174, 1) }
```


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

```
.border{ border-color:rgb(8, 174, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 174, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 174, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 174, 1); box-shadow:4px  
4px 4px 4px rgb(8, 174, 1) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2417, 30.3259, 5.0789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 174, 1) }
```

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

```
.background{ background-color: rgb(8, 174,  
1) }
```

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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