

Converting Colors

XYZ(10.5355, 15.0299, 3.4915)

Have a look what the booklet for
XYZ(10.5355, 15.0299, 3.4915)
contains.

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Color

**XYZ(10.5380, 15.0240,
3.5069)**

Conversions

Conversions Part 1

Format	Color
Hex	56761D
RGB	86, 118, 29
RGB Percent	34%, 46%, 11%
CMY	0.6627, 0.5372, 0.8863
CMYK	0.27, 0.00, 0.75, 0.54
HSL	82°, 61%, 29%
HSV	82°, 75%, 46%
XYZ	10.5380, 15.0240, 3.5069
YIQ	98.2860, 9.4970, -34.4630

Conversions

Conversions Part 2

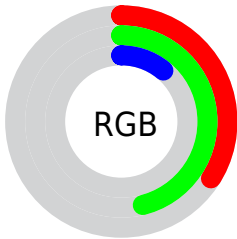
Format	Color
R_{YB}	29, 118, 61
Decimal	5666333
CIE Lab	45.67, -25.60, 42.69
CIE LCh	46, 49.779, 120.955
Yxy	15.0240, 0.3625, 0.5168
Android (android.graphics.Color)	4283856413 (0xFF56761D)
YUV	98.2860, -34.1580, -10.7748
Hunter-Lab	38.7608, -19.3022, 21.7683

Details

The XYZ color **10.5380, 15.0240, 3.5069** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5.6344, 3.1792, 17.4570**, and the grayscale version is **11.7621, 12.3746, 13.4760**.

A 20% lighter version of the original color is **26.4702, 34.8176, 12.9148**, and **2.8911, 4.6496, 0.7451** is the 20% darker color. If you saturate the color by 10%, you get **10.0401, 14.7816, 2.8626**, and if you desaturate by 10%, it is **11.1157, 15.3021, 4.4476**.

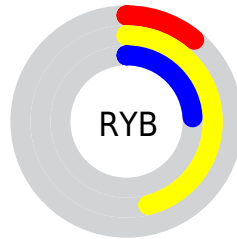
Distribution



Red (34%)

Green (46%)

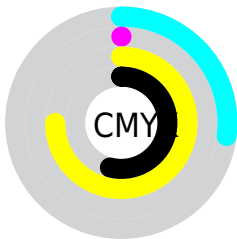
Blue (11%)



Red (11%)

Yellow (46%)

Blue (24%)

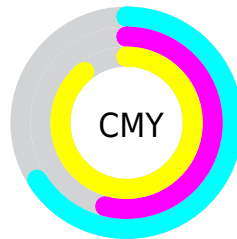


Cyan (27%)

Magenta (0%)

Yellow (75%)

Black (54%)



Cyan (66%)

Magenta (54%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5380, 15.0240, 3.5069 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 10.5380, 15.0240, 3.5069 by changing the saturation by 10% instead.

■ 10.5380, 15.0240,
3.5069

■ 10.5380, 15.0240,
3.5069

188.4444,
223.5114, 142.5759

■ 5.8221, 8.8362,
1.3589

■ 26.4432, 34.8953,
12.8555

■ 2.7768, 4.6345,
0.1094

■ 38.3632, 49.3476,
20.8933

■ 1.0369, 2.0345,
0.0000

■ 53.4153, 67.3235,
31.7314

■ 0.0000, 0.6274,
0.0000

■ 71.9649, 89.2075,
45.7884

■ 0.0000, 0.0000,
0.0000

■ 94.3772, 115.3838,
63.4828

■ 121.0176,

146.2370, 85.2331

152.2516,
182.1514, 111.4580

10.5380, 15.0240,
3.5069

10.5380, 15.0240,
3.5069

10.0401, 14.7816,
2.8626

11.1157, 15.3021,
4.4476

9.6106, 14.5686,
2.4606

11.7784, 15.6164,
5.7140

9.4253, 14.4765,
2.2975

12.5318, 15.9697,
7.3329

13.3808, 16.3641,
9.3281

14.3298, 16.8013,
11.7212

■ 15.3830, 17.2832,
14.5323

■ 16.5443, 17.8112,
17.7801

■ 17.8175, 18.3869,
21.4821

■ 19.2058, 19.0117,
25.6550

Harmonies

Analogous

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



14.1466, 15.0240, 2.4614



10.5380, 15.0240, 3.5069



8.3517, 15.0240, 7.5469

Triad

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



10.5380, 15.0240, 3.5069



10.7282, 15.0240, 45.7891



23.8974, 15.0240, 15.9788

Complementary

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



10.5380, 15.0240, 3.5069



5.6344, 3.1792, 17.4570

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.



22.5047, 15.0240, 30.2416



10.5380, 15.0240, 3.5069



14.4139, 15.0240, 51.7647

Square

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



10.5380, 15.0240, 3.5069



8.4455, 15.0240, 31.2514



18.8167, 15.0240, 45.0330



22.3241, 15.0240, 7.1579

Rectangle

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



10.5380, 15.0240, 3.5069



7.7318, 15.0240, 13.0056



18.8167, 15.0240, 45.0330



23.7586, 15.0240, 20.2433

Sweetspot

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



10.5384, 15.0247, 3.5072



25.5237, 29.6916, 21.4662



9.3173, 7.1882, 2.0590



5.7505, 6.7725, 4.6286



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



10.5384, 15.0247, 3.5072



17.0551, 25.6933, 4.4677



7.6699, 13.5459, 3.3730



3.8450, 4.2036, 3.9510



10.1825, 15.6536, 2.4848



48.6601, 75.7870, 12.0637

Inverse Universe

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



5.6344, 3.1792, 17.4570



8.0073, 3.6923, 30.4276



9.4946, 5.1692, 17.6377



3.6134, 3.6480, 4.6039



4.5769, 1.9508, 18.6779



21.4423, 9.0624, 90.9794

Previews

White Background



This preview shows how the XYZ color 10.5380, 15.0240, 3.5069 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 10.5380, 15.0240, 3.5069 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 10.5380, 15.0240, 3.5069

Background



This preview shows how black text looks on a background with the XYZ color 10.5380, 15.0240, 3.5069.



This preview shows how white text looks on a background with the XYZ color 10.5380, 15.0240,

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

10.5380, 15.0240, 3.5069

Protanopia

13.4342, 14.8647, 3.1384

Deuteranopia

15.0615, 14.7810, 3.7283



Tritanopia

13.8355, 15.0252, 19.6237

Trichromacy



Original Color

10.5380, 15.0240, 3.5069

Protanomaly

12.1763, 14.8556, 3.2626

Deuteranomaly

12.9732, 14.6168, 3.5764

Tritanomaly

12.0990, 14.8093, 11.0249

Monochromacy



Original Color

10.5380, 15.0240, 3.5069

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.8703, 12.9639, 8.2327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5380, 15.0240, 3.5069 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(86, 118, 29)` looks like.

```
.text, #text, p{  
    color:rgb(86, 118, 29)  
}
```

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(86, 118, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 118, 29) }
```

Border

The CSS property to change the border of an element to XYZ 10.5380, 15.0240, 3.5069 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(86, 118, 29) }
```


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

```
.border{ border-color:rgb(86, 118, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 118, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 118, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 118, 29);  
box-shadow:4px 4px 4px 4px rgb(86, 118,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5380, 15.0240, 3.5069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 118, 29) }
```

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

```
.background{ background-color: rgb(86, 118,  
29) }
```

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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