

Converting Colors

XYZ(11.6374, 15.3415, 0.7530)

Have a look what the booklet for
XYZ(11.6374, 15.3415, 0.7530)
contains.

| | |
|--|----|
| XYZ(11.9543, 15.4338, 2.3490) | 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(11.9543, 15.4338,
2.3490)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 687400 |
| RGB | 104, 116, 0 |
| RGB Percent | 41%, 45%, 0% |
| CMY | 0.5922, 0.5451, 1.0000 |
| CMYK | 0.10, 0.00, 1.00, 0.55 |
| HSL | 66°, 100%, 23% |
| HSV | 66°, 100%, 45% |
| XYZ | 11.9543, 15.4338, 2.3490 |
| YIQ | 99.1880, 30.0840, -38.6200 |

Conversions

Conversions Part 2

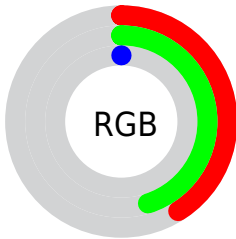
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 116, 12 |
| Decimal | 6845440 |
| CIELab | 46.22, -17.69, 51.60 |
| CIElCh | 46, 54.551, 108.919 |
| Yxy | 15.4338, 0.4020, 0.5190 |
| Android (android.graphics.Color) | 4285035520 (0xFF687400) |
| YUV | 99.1880, -48.8997, 4.2201 |
| Hunter-Lab | 39.2859, -14.4345, 23.9550 |

Details

The XYZ color **11.9543, 15.4338, 2.3490** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.3044, 1.3394, 16.6083**, and the grayscale version is **12.0220, 12.6481, 13.7738**.

A 20% lighter version of the original color is **29.0004, 35.6332, 10.0520**, and **3.5353, 4.8911, 0.7578** is the 20% darker color. If you saturate the color by 10%, you get **11.9545, 15.4344, 2.3491**, and if you desaturate by 10%, it is **12.1589, 15.5324, 2.6926**.

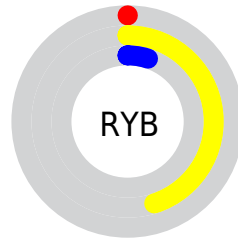
Distribution



Red (41%)

Green (45%)

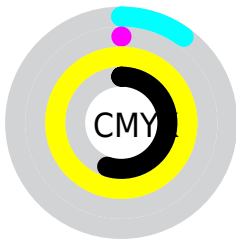
Blue (0%)



Red (0%)

Yellow (45%)

Blue (5%)

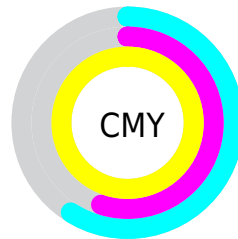


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (59%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9543, 15.4338, 2.3490 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 11.9543, 15.4338, 2.3490 by changing the saturation by 10% instead.

■ 11.9543, 15.4338,
2.3490

■ 11.9543, 15.4338,
2.3490

197.8786,
225.9771, 127.5802

■ 6.7845, 9.1244,
0.7585

■ 29.0294, 35.6124,
9.9747

■ 3.3729, 4.8224,
0.0000

■ 41.6655, 50.2504,
16.8612

■ 1.3539, 2.1434,
0.0000

■ 57.5211, 68.4334,
26.3550

■ 0.2230, 0.6889,
0.0000

■ 76.9615, 90.5458,
38.8744


■ 0.0000, 0.0000,
0.0000


■ 100.3521,
116.9720, 54.8381


■ 128.0582,


148.0963, 74.6646


 160.4453,
184.3032, 98.7725


 11.9543, 15.4338,
2.3490


 11.9543, 15.4338,
2.3490


 11.9545, 15.4344,
2.3491

 12.1589, 15.5324,
2.6926

 12.3941, 15.6429,
3.1878

 12.6822, 15.7749,
3.9517

 13.0292, 15.9306,
5.0155

 13.4403, 16.1122,
6.4059

■ 13.9200, 16.3214,
8.1467

■ 14.4723, 16.5599,
10.2596

■ 15.1010, 16.8293,
12.7645

■ 15.8097, 17.1308,
15.6797

Harmonies

Analogous

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



16.4578, 15.4338, 2.1131



11.9543, 15.4338, 2.3490



8.9038, 15.4338, 4.9611

Triad

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



11.9543, 15.4338, 2.3490



9.5385, 15.4338, 44.4810



25.3236, 15.4338, 22.2289

Complementary

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



11.9543, 15.4338, 2.3490



3.3044, 1.3394, 16.6083

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.



22.5039, 15.4338, 39.9060



11.9543, 15.4338, 2.3490



13.0154, 15.4338, 56.6041

Square

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



11.9543, 15.4338, 2.3490



7.7266, 15.4338, 26.5623



17.7672, 15.4338, 54.5904



24.8706, 15.4338, 9.7880

Rectangle

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



11.9543, 15.4338, 2.3490



7.8021, 15.4338, 9.1678



17.7672, 15.4338, 54.5904



24.7068, 15.4338, 27.8146

Sweetspot

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



11.9547, 15.4345, 2.3493



25.3592, 29.0738, 17.7249



7.3297, 3.9668, 0.3796



5.9697, 6.9015, 3.9188



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.



11.9547, 15.4345, 2.3493



20.9509, 27.0976, 4.1261



7.3909, 13.0818, 2.1357



3.9311, 4.2480, 3.9550



13.4061, 17.3155, 2.6356



64.9074, 84.1628, 12.8241

Inverse Universe

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



3.3044, 1.3394, 16.6083



5.7477, 2.3229, 29.1899



5.6500, 2.5487, 16.7180



3.5326, 3.6063, 4.6001



3.6988, 1.4981, 18.6368



17.6621, 7.1136, 90.8025

Previews

White Background



This preview shows how the XYZ color 11.9543, 15.4338, 2.3490 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 11.9543, 15.4338, 2.3490 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 11.9543, 15.4338, 2.3490

Background



This preview shows how black text looks on a background with the XYZ color 11.9543, 15.4338, 2.3490.



This preview shows how white text looks on a background with the XYZ color 11.9543, 15.4338,

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

11.9543, 15.4338, 2.3490

Protanopia

13.8881, 15.4369, 2.2476

Deuteranopia

15.5491, 15.3509, 2.7596



Tritanopia

15.3250, 15.4968, 18.7065

Trichromacy



Original Color

11.9543, 15.4338, 2.3490

Protanomaly

13.1303, 15.3702, 2.2747

Deuteranomaly

14.0331, 15.1873, 2.5396

Tritanomaly

13.3509, 15.1783, 8.7046

Monochromacy



Original Color

11.9543, 15.4338, 2.3490

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.3156, 13.2287, 6.6596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9543, 15.4338, 2.3490 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(104, 116, 0)` looks like.

```
.text, #text, p{  
    color:rgb(104, 116, 0)  
}
```

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(104, 116, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 116, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.9543, 15.4338, 2.3490 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(104, 116, 0) }
```


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

```
.border{ border-color:rgb(104, 116, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 116, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 116, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 116, 0);  
box-shadow:4px 4px 4px 4px rgb(104, 116,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9543, 15.4338, 2.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 116, 0) }
```

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

```
.background{ background-color: rgb(104,  
116, 0) }
```

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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