

Converting Colors

XYZ(15.4830, 24.8919, 3.9886)

Have a look what the booklet for
XYZ(15.4830, 24.8919, 3.9886)
contains.

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Color

**XYZ(15.5111, 24.9063,
3.9899)**

Conversions

Conversions Part 1

Format	Color
Hex	599900
RGB	89, 153, 0
RGB Percent	35%, 60%, 0%
CMY	0.6510, 0.4000, 0.9999
CMYK	0.42, 0.00, 1.00, 0.40
HSL	85°, 100%, 30%
HSV	85°, 100%, 60%
XYZ	15.5111, 24.9063, 3.9899
YIQ	116.4220, 10.9690, -61.1510

Conversions

Conversions Part 2

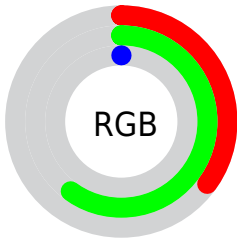
Format	Color
RYB	0, 153, 64
Decimal	5871872
CIELab	56.98, -41.35, 59.40
CIELCh	57, 72.379, 124.841
Yxy	24.9063, 0.3493, 0.5609
Android (android.graphics.Color)	4284061952 (0xFF599900)
YUV	116.4220, -57.3960, -24.0491
Hunter-Lab	49.9062, -31.8572, 30.1942

Details

The XYZ color **15.5111, 24.9063, 3.9899** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.8656, 3.3908, 30.3783**, and the grayscale version is **16.9001, 17.7802, 19.3626**.

A 20% lighter version of the original color is **35.3703, 51.5864, 14.0542**, and **5.1891, 9.5834, 1.5763** is the 20% darker color. If you saturate the color by 10%, you get **15.5111, 24.9071, 3.9900**, and if you desaturate by 10%, it is **16.2413, 25.2733, 4.4860**.

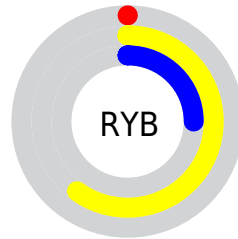
Distribution



Red (35%)

Green (60%)

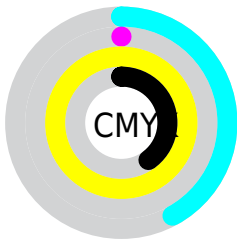
Blue (0%)



Red (0%)

Yellow (60%)

Blue (25%)

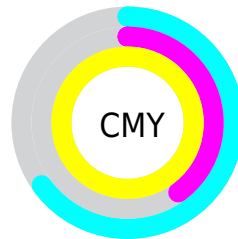


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (65%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5111, 24.9063, 3.9899 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 15.5111, 24.9063, 3.9899 by changing the saturation by 10% instead.

■ 15.5111, 24.9063,
3.9899

■ 15.5111, 24.9063,
3.9899

219.7668,
277.3710, 148.1130

■ 9.2675, 16.0073,
1.6198

■ 35.3117, 51.5052,
13.9865

■ 4.9746, 9.5293,
0.3049

■ 49.5994, 69.9738,
22.4500

■ 2.2670, 5.0880,
0.0000

■ 67.2992, 92.4011,
33.7818

■ 0.7777, 2.2990,
0.0000

■ 88.7764, 119.1714,
48.4003


■ 0.0000, 0.7732,
0.0000


■ 114.3964,
150.6691, 66.7242


■ 0.0000, 0.0000,
0.0000


■ 144.5246,


187.2787, 89.1719


 179.5263,
229.3845, 116.1620


 15.5111, 24.9063,
3.9899


 15.5111, 24.9063,
3.9899


 15.5111, 24.9071,
3.9900

 16.2413, 25.2733,
4.4860

 17.0911, 25.6936,
5.3284

 18.0922, 26.1810,
6.6758

 19.2581, 26.7408,
8.5917

 20.6000, 27.3778,
11.1304

■ 22.1283, 28.0962,
14.3398

■ 23.8523, 28.8999,
18.2629

■ 25.7806, 29.7924,
22.9395

■ 27.9211, 30.7771,
28.4062

Harmonies

Analogous

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



22.3204, 24.9063, 2.1092



15.5111, 24.9063, 3.9899



11.7493, 24.9063, 11.6927

Triad

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



15.5111, 24.9063, 3.9899



17.3835, 24.9063, 95.3533



43.9719, 24.9063, 23.3583

Complementary

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



15.5111, 24.9063, 3.9899



7.8656, 3.3908, 30.3783

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.



41.7559, 24.9063, 52.2744



15.5111, 24.9063, 3.9899



25.0785, 24.9063, 105.5777

Square

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



15.5111, 24.9063, 3.9899



12.6351, 24.9063, 63.6003



34.2883, 24.9063, 86.5103



39.7751, 24.9063, 8.2073

Rectangle

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



15.5111, 24.9063, 3.9899



10.8434, 24.9063, 23.1247



34.2883, 24.9063, 86.5103



43.9599, 24.9063, 31.5480

Sweetspot

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



15.5117, 24.9074, 3.9904



42.5190, 51.6631, 32.2453



14.9574, 10.4123, 1.2218



9.1186, 11.2820, 6.4952



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



15.5117, 24.9074, 3.9904



27.5618, 44.4927, 7.1353



11.5543, 22.8673, 3.8052



6.4590, 7.0941, 6.6347



12.8576, 20.6042, 3.2993



0.2336, 0.3294, 0.0513

Inverse Universe

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



7.8656, 3.3908, 30.3783



13.8830, 5.9674, 54.3921



16.6082, 7.8978, 30.7874



6.1171, 6.1463, 7.7929



6.5364, 2.8207, 25.1076



0.1378, 0.0628, 0.3772

Previews

White Background



This preview shows how the XYZ color 15.5111, 24.9063, 3.9899 looks on a white background.

Color Contrast Check

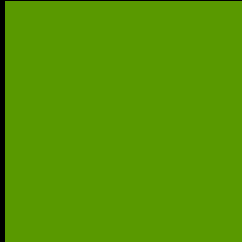
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 15.5111, 24.9063, 3.9899 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 × Fail

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

XYZ 15.5111, 24.9063, 3.9899

Background



This preview shows how black text looks on a background with the XYZ color 15.5111, 24.9063, 3.9899.



This preview shows how white text looks on a background with the XYZ color 15.5111, 24.9063,

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

15.5111, 24.9063, 3.9899

Protanopia

22.2721, 24.7613, 3.6056

Deuteranopia

24.8792, 24.4522, 4.6368



Tritanopia

21.5691, 24.8049, 34.2229

Trichromacy



Original Color

15.5111, 24.9063, 3.9899

Protanomaly

19.0284, 24.3907, 3.7050

Deuteranomaly

20.1905, 23.8867, 4.1625

Tritanomaly

17.7390, 24.1489, 15.2815

Monochromacy



Original Color

15.5111, 24.9063, 3.9899

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.0301, 19.2591, 9.4038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5111, 24.9063, 3.9899 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(89, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(89, 153, 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(89, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 153, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.5111, 24.9063, 3.9899 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(89, 153, 0) }
```


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

```
.border{ border-color:rgb(89, 153, 0) }
```

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

Here you see how a box with a 4 pixel rgb(89, 153, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(89, 153, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.5111, 24.9063, 3.9899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 153, 0) }
```

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

```
.background{ background-color: rgb(89, 153,  
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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