

Converting Colors

XYZ(15.0441, 25.2919, 4.0889)

Have a look what the booklet for
XYZ(15.0441, 25.2919, 4.0889)
contains.

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Color

**XYZ(15.1129, 25.4392,
4.1137)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9C00
RGB	79, 156, 0
RGB Percent	31%, 61%, 0%
CMY	0.6902, 0.3882, 1.0000
CMYK	0.49, 0.00, 1.00, 0.39
HSL	90°, 100%, 31%
HSV	90°, 100%, 61%
XYZ	15.1129, 25.4392, 4.1137
YIQ	115.1930, 4.1840, -64.8400

Conversions

Conversions Part 2

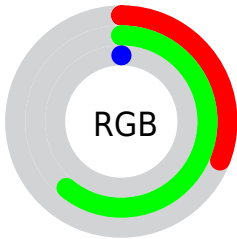
Format	Color
RYB	0, 156, 77
Decimal	5217280
CIELab	57.50, -45.94, 59.62
CIELCh	58, 75.261, 127.616
Yxy	25.4392, 0.3384, 0.5695
Android (android.graphics.Color)	4283407360 (0xFF4F9C00)
YUV	115.1930, -56.7901, -31.7413
Hunter-Lab	50.4373, -34.7800, 30.4704

Details

The XYZ color **15.1129, 25.4392, 4.1137** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **9.0630, 3.9791, 31.7443**, and the grayscale version is **16.5216, 17.3820, 18.9290**.

A 20% lighter version of the original color is **34.5849, 52.2777, 14.2290**, and **5.0630, 9.9587, 1.6554** is the 20% darker color. If you saturate the color by 10%, you get **15.1129, 25.4400, 4.1139**, and if you desaturate by 10%, it is **15.8822, 25.8261, 4.6230**.

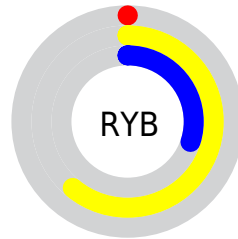
Distribution



Red (31%)

Green (61%)

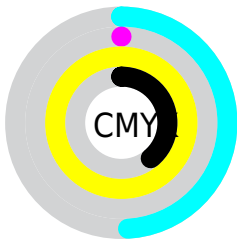
Blue (0%)



Red (0%)

Yellow (61%)

Blue (30%)

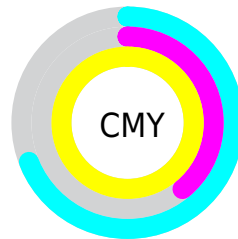


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (69%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1129, 25.4392, 4.1137 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 15.1129, 25.4392, 4.1137 by changing the saturation by 10% instead.

■ 15.1129, 25.4392,
4.1137

■ 15.1129, 25.4392,
4.1137

217.4234,
280.0182, 149.4809

■ 8.9855, 16.4046,
1.6879

■ 34.6211, 52.3688,
14.2711

■ 4.7888, 9.8109,
0.3524

■ 48.7327, 71.0327,
22.8399

■ 2.1573, 5.2738,
0.0000

■ 66.2363, 93.6750,
34.2934

■ 0.7201, 2.4088,
0.0000

■ 87.4974, 120.6802,
49.0502


■ 0.0000, 0.8304,
0.0000


■ 112.8813,
152.4328, 67.5288


■ 0.0000, 0.0000,
0.0000


■ 142.7534,


189.3170, 90.1477


 177.4790,
231.7173, 117.3256


 15.1129, 25.4392,
4.1137


 15.1129, 25.4392,
4.1137

 15.1129, 25.4400,
4.1139

 15.8822, 25.8261,
4.6230

 16.7965, 26.2790,
5.4982

 17.8894, 26.8125,
6.9021

 19.1759, 27.4328,
8.9015

 20.6687, 28.1452,
11.5536

■ 22.3796, 28.9547,
14.9084

■ 24.3190, 29.8657,
19.0115

■ 26.4967, 30.8823,
23.9044

■ 28.9219, 32.0084,
29.6257

Harmonies

Analogous

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



21.9666, 25.4392, 1.9280



15.1129, 25.4392, 4.1137



11.4895, 25.4392, 12.8356

Triad

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



15.1129, 25.4392, 4.1137



18.1929, 25.4392, 102.9756



45.5961, 25.4392, 21.6598

Complementary

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



15.1129, 25.4392, 4.1137



9.0630, 3.9791, 31.7443

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.



43.8686, 25.4392, 51.0630



15.1129, 25.4392, 4.1137



26.5356, 25.4392, 111.0573

Square

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



15.1129, 25.4392, 4.1137



12.9370, 25.4392, 70.0585



36.2955, 25.4392, 88.0637



40.5583, 25.4392, 7.1768

Rectangle

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



15.1129, 25.4392, 4.1137



10.7255, 25.4392, 25.6963



36.2955, 25.4392, 88.0637



45.8056, 25.4392, 29.8030

Sweetspot

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



15.1135, 25.4403, 4.1143



43.9442, 54.1373, 34.0407



16.2548, 12.1559, 1.4900



9.3585, 11.7666, 6.8216



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



15.1135, 25.4403, 4.1143



27.2205, 46.0869, 7.4610



11.9218, 23.7949, 3.9649



6.8548, 7.5578, 7.0832



12.4880, 20.9745, 3.3903



0.2721, 0.4002, 0.0629

Inverse Universe

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



9.0630, 3.9791, 31.7443



16.2327, 7.1092, 57.6434



19.2143, 9.2123, 32.2194



6.5809, 6.5879, 8.3314



7.5042, 3.2976, 26.1482



0.1829, 0.0841, 0.4698

Previews

White Background



This preview shows how the XYZ color 15.1129, 25.4392, 4.1137 looks on a white background.

Color Contrast Check

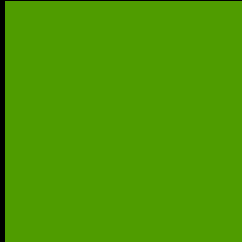
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1129, 25.4392, 4.1137 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 15.1129, 25.4392, 4.1137

Background



This preview shows how black text looks on a background with the XYZ color 15.1129, 25.4392, 4.1137.



This preview shows how white text looks on a background with the XYZ color 15.1129, 25.4392,

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

15.1129, 25.4392, 4.1137

Protanopia

22.6060, 25.1455, 3.6621

Deuteranopia

25.4769, 24.9538, 4.8403



Tritanopia

21.4667, 25.3944, 35.6685

Trichromacy



Original Color

15.1129, 25.4392, 4.1137

Protanomaly

18.8778, 24.7628, 3.7847

Deuteranomaly

20.0063, 24.0047, 4.2407

Tritanomaly

17.4613, 24.6903, 15.9020

Monochromacy



Original Color

15.1129, 25.4392, 4.1137

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

14.6647, 19.2711, 9.2501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1129, 25.4392, 4.1137 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(79, 156, 0)` looks like.

```
.text, #text, p{  
    color:rgb(79, 156, 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(79, 156, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 156, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.1129, 25.4392, 4.1137 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(79, 156, 0) }
```


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

```
.border{ border-color:rgb(79, 156, 0) }
```

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

Here you see how a box with a 4 pixel rgb(79, 156, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 156, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 156, 0);  
box-shadow:4px 4px 4px 4px rgb(79, 156, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.1129, 25.4392, 4.1137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 156, 0) }
```

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

```
.background{ background-color: rgb(79, 156,  
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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