

Converting Colors

XYZ(14.6072, 23.9237, 1.3260)

Have a look what the booklet for
XYZ(14.6072, 23.9237, 1.3260)
contains.

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Color

**XYZ(15.1864, 24.2571,
3.8817)**

Conversions

Conversions Part 1

Format	Color
Hex	599700
RGB	89, 151, 0
RGB Percent	35%, 59%, 0%
CMY	0.6510, 0.4078, 0.9999
CMYK	0.41, 0.00, 1.00, 0.41
HSL	85°, 100%, 30%
HSV	85°, 100%, 59%
XYZ	15.1864, 24.2571, 3.8817
YIQ	115.2480, 11.5190, -60.1050

Conversions

Conversions Part 2

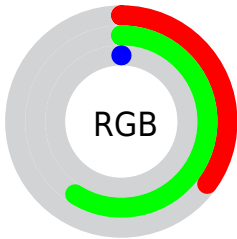
Format	Color
RYB	0, 151, 62
Decimal	5871360
CIELab	56.34, -40.51, 58.91
CIElCh	56, 71.494, 124.518
Yxy	24.2571, 0.3505, 0.5599
Android (android.graphics.Color)	4284061440 (0xFF599700)
YUV	115.2480, -56.8173, -23.0195
Hunter-Lab	49.2515, -31.1507, 29.8032

Details

The XYZ color **15.1864, 24.2571, 3.8817** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.5740, 3.2595, 29.5096**, and the grayscale version is **16.5369, 17.3981, 18.9466**.

A 20% lighter version of the original color is **34.8539, 50.6046, 13.7250**, and **5.0269, 9.2150, 1.5137** is the 20% darker color. If you saturate the color by 10%, you get **15.1864, 24.2579, 3.8818**, and if you desaturate by 10%, it is **15.8943, 24.6128, 4.3692**.

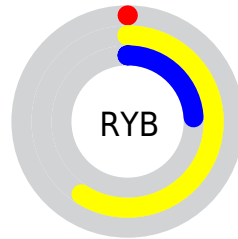
Distribution



Red (35%)

Green (59%)

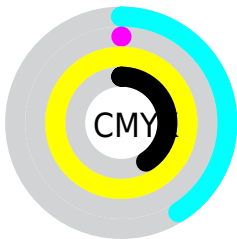
Blue (0%)



Red (0%)

Yellow (59%)

Blue (24%)

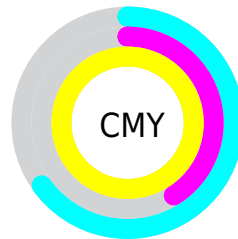


Cyan (41%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (65%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1864, 24.2571, 3.8817 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 15.1864, 24.2571, 3.8817 by changing the saturation by 10% instead.

■ 15.1864, 24.2571,
3.8817

■ 15.1864, 24.2571,
3.8817

217.8578,
274.1177, 146.9013

■ 9.0375, 15.5244,
1.5607

■ 34.7488, 50.4494,
13.7360

■ 4.8229, 9.1883,
0.2625

■ 48.8930, 68.6779,
22.1063

■ 2.1774, 4.8642,
0.0000

■ 66.4331, 90.8404,
33.3302

■ 0.7308, 2.1678,
0.0000

■ 87.7343, 117.3214,
47.8261


■ 0.0000, 0.7024,
0.0000


■ 113.1620,
148.5052, 66.0127


■ 0.0000, 0.0000,
0.0000


■ 143.0815,


184.7763, 88.3083


 177.8584,
226.5190, 115.1317


 15.1864, 24.2571,
3.8817


 15.1864, 24.2571,
3.8817


 15.1864, 24.2579,
3.8818

 15.8943, 24.6128,
4.3692

 16.7161, 25.0191,
5.1908

 17.6829, 25.4895,
6.5024

 18.8076, 26.0292,
8.3655

 20.1011, 26.6428,
10.8325

■ 21.5733, 27.3342,
13.9497

■ 23.2332, 28.1073,
17.7589

■ 25.0890, 28.9655,
22.2985

■ 27.1483, 29.9118,
27.6040

Harmonies

Analogous

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



21.8290, 24.2571, 2.0795



15.1864, 24.2571, 3.8817



11.4987, 24.2571, 11.2946

Triad

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



15.1864, 24.2571, 3.8817



16.8838, 24.2571, 92.2823



42.7531, 24.2571, 22.9936

Complementary

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



15.1864, 24.2571, 3.8817



7.5740, 3.2595, 29.5096

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.



40.5383, 24.2571, 51.1661



15.1864, 24.2571, 3.8817



24.3274, 24.2571, 102.4852

Square

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



15.1864, 24.2571, 3.8817



12.3022, 24.2571, 61.4115



33.2599, 24.2571, 84.2880



38.7458, 24.2571, 8.1301

Rectangle

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



15.1864, 24.2571, 3.8817



10.5986, 24.2571, 22.3061



33.2599, 24.2571, 84.2880



42.7180, 24.2571, 30.9928

Sweetspot

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



15.1870, 24.2582, 3.8822



41.4148, 50.2457, 31.3502



14.4006, 9.8544, 1.1435



9.1435, 11.2949, 6.4964



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.



15.1870, 24.2582, 3.8822



26.9841, 43.3317, 6.9416



11.2661, 22.2369, 3.6987



6.4634, 7.0964, 6.6349



12.9517, 20.6527, 3.3037



0.2348, 0.3300, 0.0513

Inverse Universe

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



7.5740, 3.2595, 29.5096



13.3655, 5.7346, 52.8361



15.7242, 7.4610, 29.8910



6.1127, 6.1440, 7.7927



6.4735, 2.7883, 25.1047



0.1366, 0.0622, 0.3772

Previews

White Background



This preview shows how the XYZ color 15.1864, 24.2571, 3.8817 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 15.1864, 24.2571, 3.8817 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 15.1864, 24.2571, 3.8817

Background



This preview shows how black text looks on a background with the XYZ color 15.1864, 24.2571, 3.8817.



This preview shows how white text looks on a background with the XYZ color 15.1864, 24.2571,

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

15.1864, 24.2571, 3.8817

Protanopia

21.6129, 24.0033, 3.4940

Deuteranopia

24.3157, 23.9671, 4.5728



Tritanopia

20.9894, 24.0873, 33.2488

Trichromacy



Original Color

15.1864, 24.2571, 3.8817

Protanomaly

18.5781, 23.7169, 3.5986

Deuteranomaly

19.7369, 23.2308, 4.0598

Tritanomaly

17.3865, 23.5189, 14.9325

Monochromacy



Original Color

15.1864, 24.2571, 3.8817

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

14.8656, 18.9836, 9.1840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1864, 24.2571, 3.8817 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, 151, 0)` looks like.

```
.text, #text, p{  
    color:rgb(89, 151, 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, 151, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 151, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.1864, 24.2571, 3.8817 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, 151, 0) }
```


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

```
.border{ border-color:rgb(89, 151, 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, 151, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 151, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 151, 0);  
box-shadow:4px 4px 4px 4px rgb(89, 151, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.1864, 24.2571, 3.8817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 151, 0) }
```

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

```
.background{ background-color: rgb(89, 151,  
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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