

Converting Colors

XYZ(15.1867, 25.9322, 6.2118)

Have a look what the booklet for
XYZ(15.1867, 25.9322, 6.2118)
contains.

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Color

**XYZ(15.2084, 25.9465,
6.2141)**

Conversions

Conversions Part 1

Format	Color
Hex	479E28
RGB	71, 158, 40
RGB Percent	28%, 62%, 16%
CMY	0.7216, 0.3804, 0.8431
CMYK	0.55, 0.00, 0.75, 0.38
HSL	104°, 60%, 39%
HSV	104°, 75%, 62%
XYZ	15.2084, 25.9465, 6.2141
YIQ	118.5350, -13.9740, -55.1420

Conversions

Conversions Part 2

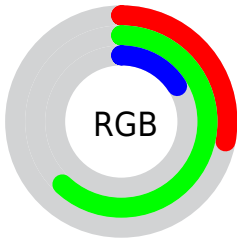
Format	Color
RYB	40, 158, 127
Decimal	4693544
CIELab	57.99, -47.46, 50.56
CIElCh	58, 69.345, 133.188
Yxy	25.9465, 0.3211, 0.5478
Android (android.graphics.Color)	4282883624 (0xFF479E28)
YUV	118.5350, -38.7178, -41.6882
Hunter-Lab	50.9377, -35.8465, 28.4234

Details

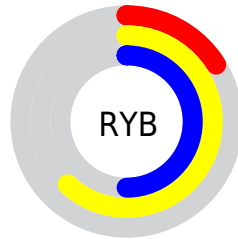
The XYZ color **15.2084, 25.9465, 6.2141** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **15.6843, 8.4992, 33.1630**, and the grayscale version is **17.5098, 18.4217, 20.0612**.

A 20% lighter version of the original color is **34.6721, 52.9680, 18.7524**, and **5.1540, 10.3081, 1.7180** is the 20% darker color. If you saturate the color by 10%, you get **14.2189, 25.4621, 5.0406**, and if you desaturate by 10%, it is **16.4729, 26.5615, 7.9751**.

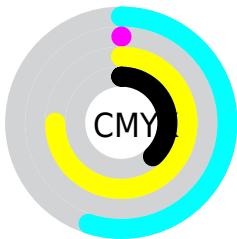
Distribution



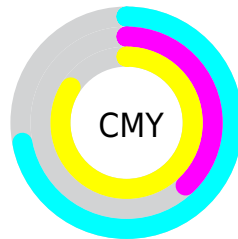
- Red (28%)
- Green (62%)
- Blue (16%)



- Red (16%)
- Yellow (62%)
- Blue (50%)



- Cyan (55%)
- Magenta (0%)
- Yellow (75%)
- Black (38%)





- Cyan (72%)
- Magenta (38%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2084, 25.9465, 6.2141 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 15.2084, 25.9465, 6.2141 by changing the saturation by 10% instead.


 15.2084, 25.9465,
6.2141


 15.2084, 25.9465,
6.2141


217.9876,
282.5194, 170.3389


 9.0530, 16.7836,
2.9048


 34.7870, 53.1886,
18.8590


 4.8332, 10.0803,
1.0462


 48.9410, 72.0367,
29.0316


 2.1835, 5.4523,
0.0000

 66.4919, 94.8819,
42.3292

 0.7340, 2.5150,
0.0000

 87.8051, 122.1087,
59.1701

 0.0000, 0.8841,
0.0000

 113.2459,
154.1014, 79.9730

 0.0000, 0.0000,
0.0000

 143.1797,

191.2445, 105.1565

177.9718,
233.9224, 135.1389

■ 15.2084, 25.9465,
6.2141

■ 15.2084, 25.9465,
6.2141

■ 14.2189, 25.4621,
5.0406

■ 16.4729, 26.5615,
7.9751

■ 13.4783, 25.0943,
4.3746

■ 18.0312, 27.3131,
10.3852

■ 13.1621, 24.9366,
4.1195

■ 19.9022, 28.2106,
13.5002

■ 22.1029, 29.2618,
17.3693

■ 24.6488, 30.4735,
22.0375

■ 27.5544, 31.8525,
27.5461

■ 30.8334, 33.4049,
33.9337

■ 34.4988, 35.1367,
41.2362

■ 38.5628, 37.0533,
49.4879

Harmonies

Analogous

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



21.1701, 25.9465, 2.9467



15.2084, 25.9465, 6.2141



12.2445, 25.9465, 16.9107

Triad

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



15.2084, 25.9465, 6.2141



20.2948, 25.9465, 99.2878



43.8748, 25.9465, 18.9896

Complementary

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



15.2084, 25.9465, 6.2141



15.6843, 8.4992, 33.1630

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.



43.4893, 25.9465, 43.7825



15.2084, 25.9465, 6.2141



28.5168, 25.9465, 101.0413

Square

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



15.2084, 25.9465, 6.2141



14.6931, 25.9465, 72.9702



37.3914, 25.9465, 76.9181



38.3490, 25.9465, 6.9955

Rectangle

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



15.2084, 25.9465, 6.2141



11.8337, 25.9465, 30.8917



37.3914, 25.9465, 76.9181



44.4638, 25.9465, 25.7658

Sweetspot

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



15.2090, 25.9476, 6.2147



45.8902, 55.8744, 42.1348



22.0139, 22.4820, 5.1871



10.0602, 12.4611, 8.9643



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.2090, 25.9476, 6.2147



24.8250, 45.7438, 8.2138



14.1320, 25.3177, 9.5371



6.7060, 7.4811, 7.0762



10.5739, 19.9877, 3.3007



0.2254, 0.3761, 0.0607

Inverse Universe

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



15.6843, 8.4992, 33.1630



25.5148, 12.2474, 59.7627



18.9210, 10.4117, 22.2973



6.7340, 6.6669, 8.3386



10.8026, 4.9979, 26.3026



0.2301, 0.1084, 0.4720

Previews

White Background



This preview shows how the XYZ color 15.2084, 25.9465, 6.2141 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 15.2084, 25.9465, 6.2141 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 15.2084, 25.9465, 6.2141

Background



This preview shows how black text looks on a background with the XYZ color 15.2084, 25.9465, 6.2141.



This preview shows how white text looks on a background with the XYZ color 15.2084, 25.9465,

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

15.2084, 25.9465, 6.2141

Protanopia

23.2463, 25.6545, 5.3167

Deuteranopia

26.0824, 25.6258, 6.7035



Tritanopia

21.2059, 25.6978, 36.6434

Trichromacy



Original Color

15.2084, 25.9465, 6.2141

Protanomaly

19.0703, 25.0513, 5.5805

Deuteranomaly

20.1913, 24.4892, 6.3520

Tritanomaly

17.9653, 25.3255, 20.4644

Monochromacy



Original Color

15.2084, 25.9465, 6.2141

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

15.7125, 20.3380, 12.7704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2084, 25.9465, 6.2141 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(71, 158, 40)` looks like.

```
.text, #text, p{  
    color:rgb(71, 158, 40)  
}
```

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(71, 158, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 158, 40) }
```

Border

The CSS property to change the border of an element to XYZ 15.2084, 25.9465, 6.2141 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(71, 158, 40) }
```


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

```
.border{ border-color:rgb(71, 158, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 158, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 158, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 158, 40);  
box-shadow:4px 4px 4px 4px rgb(71, 158,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2084, 25.9465, 6.2141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 158, 40) }
```

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

```
.background{ background-color: rgb(71, 158,  
40) }
```

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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