

Converting Colors

XYZ(57.6930, 73.1276, 15.2224)

Have a look what the booklet for
XYZ(57.6930, 73.1276, 15.2224)
contains.

XYZ(57.9438, 73.4575, 15.2624)	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(57.9438, 73.4575,
15.2624)**

Conversions

Conversions Part 1

Format	Color
Hex	D6EA3B
RGB	214, 234, 59
RGB Percent	84%, 92%, 23%
CMY	0.1608, 0.0823, 0.7686
CMYK	0.09, 0.00, 0.75, 0.08
HSL	67°, 81%, 57%
HSV	67°, 75%, 92%
XYZ	57.9438, 73.4575, 15.2624
YIQ	208.0700, 44.2550, -58.6650

Conversions

Conversions Part 2

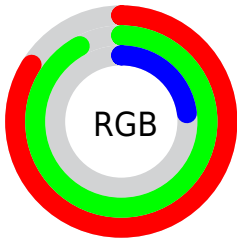
Format	Color
RYB	59, 234, 79
Decimal	14084667
CIELab	88.67, -27.18, 76.57
CIELCh	89, 81.247, 109.546
Yxy	73.4575, 0.3951, 0.5009
Android (android.graphics.Color)	4292274747 (0xFFD6EA3B)
YUV	208.0700, -73.4915, 5.2006
Hunter-Lab	85.7074, -29.3101, 49.4370

Details

The XYZ color **57.9438, 73.4575, 15.2624** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **19.6420, 10.7323, 78.8826**, and the grayscale version is **60.4433, 63.5911, 69.2507**.

A 20% lighter version of the original color is **80.3298, 94.1119, 31.3843**, and **29.4380, 38.8094, 5.9394** is the 20% darker color. If you saturate the color by 10%, you get **56.6939, 72.8708, 12.7151**, and if you desaturate by 10%, it is **59.4817, 74.1663, 19.2447**.

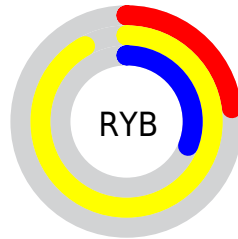
Distribution



Red (84%)

Green (92%)

Blue (23%)



Red (23%)

Yellow (92%)

Blue (31%)

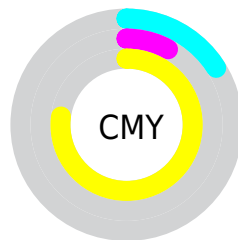


Cyan (9%)

Magenta (0%)

Yellow (75%)

Black (8%)



Cyan (16%)


Magenta (8%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9438, 73.4575, 15.2624 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 57.9438, 73.4575, 15.2624 by changing the saturation by 10% instead.


 57.9438, 73.4575,
15.2624

 57.9438, 73.4575,
15.2624


406.9337,
472.5989, 236.6442


 42.0066, 54.3501,
8.8551


 100.9645,
124.1265, 36.0616


 29.2976, 38.8817,
4.5513


 128.7786,
156.4569, 51.2907


 19.4514, 26.6677,
1.9324


 161.2823,
193.9637, 70.2973

 12.1029, 17.3238,
0.5132

 198.8412,
237.0315, 93.5002

 6.8865, 10.4656,
0.0000

 241.8203,
286.0445, 121.3177

 3.4369, 5.7088,
0.0000

290.5853,

 1.3888, 2.6688,

341.3871, 154.1686

0.0000

345.5013,
403.4438, 192.4712

■ 0.2482, 0.9614,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9438, 73.4575,
15.2624

■ 57.9438, 73.4575,
15.2624

■ 56.6939, 72.8708,
12.7151

■ 59.4817, 74.1663,
19.2447

■ 55.6874, 72.3802,
11.3902

■ 61.3348, 75.0000,
24.8272

■ 55.2276, 72.1509,
11.0157

■ 63.5327, 75.9731,
32.1574

■ 66.1000, 77.0954,
41.3651

69.0591, 78.3760,
52.5677

72.4304, 79.8230,
65.8729

76.2332, 81.4440,
81.3809

80.4851, 83.2463,
99.1853

82.7600, 84.2593,
106.5095

Harmonies

Analogous

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



76.8894, 73.4575, 13.8398



57.9438, 73.4575, 15.2624



44.8694, 73.4575, 28.3706

Triad

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



57.9438, 73.4575, 15.2624



48.0927, 73.4575, 193.5665



113.8722, 73.4575, 101.2288

Complementary

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



57.9438, 73.4575, 15.2624



19.6420, 10.7323, 78.8826

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.



102.6358, 73.4575, 172.5473



57.9438, 73.4575, 15.2624



63.1962, 73.4575, 240.2014

Square

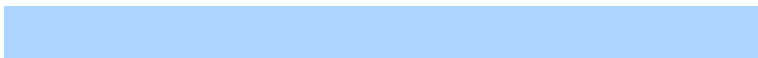
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.9438, 73.4575, 15.2624



39.9631, 73.4575, 121.8448



83.2154, 73.4575, 231.0922



111.7411, 73.4575, 49.0097

Rectangle

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



57.9438, 73.4575, 15.2624



40.1041, 73.4575, 47.8592



83.2154, 73.4575, 231.0922



111.4618, 73.4575, 123.9853

Sweetspot

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



57.9455, 73.4609, 15.2639



84.9769, 95.7027, 67.9657



37.3427, 23.0482, 6.6192



17.9606, 20.3862, 13.6605



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



57.9455, 73.4609, 15.2639



68.1784, 88.2114, 14.3814



39.2683, 63.8324, 14.3899



16.1725, 17.5345, 16.0508



31.1017, 40.5780, 6.1931



2.4904, 3.2112, 0.4886

Inverse Universe

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



19.6420, 10.7323, 78.8826



19.8111, 8.6599, 95.2351



31.7276, 16.9627, 79.4482



14.3911, 14.6314, 18.9879



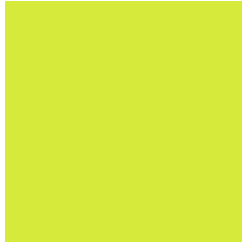
8.6485, 3.4944, 43.9616



0.7320, 0.3016, 3.4545

Previews

White Background



This preview shows how the XYZ color 57.9438, 73.4575, 15.2624 looks on a white background.

Color Contrast Check

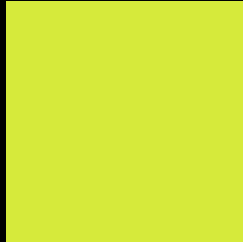
Large Text (above 18pt) WCAG AA × Fail

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 57.9438, 73.4575, 15.2624 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 ✓ Pass

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

XYZ 57.9438, 73.4575, 15.2624

Background



This preview shows how black text looks on a background with the XYZ color 57.9438, 73.4575, 15.2624.



This preview shows how white text looks on a background with the XYZ color 57.9438, 73.4575,

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

57.9438, 73.4575, 15.2624

Protanopia

66.5258, 73.3849, 14.3998

Deuteranopia

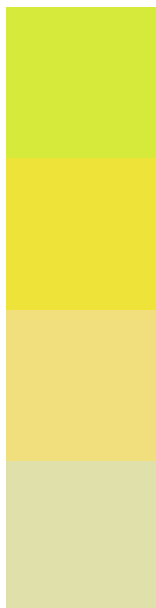
72.2289, 72.9449, 43.9911



Tritanopia

72.6999, 72.9640, 88.8490

Trichromacy



Original Color

57.9438, 73.4575, 15.2624

Protanomaly

63.1327, 73.2381, 14.6798

Deuteranomaly

65.9609, 72.7559, 29.6356

Tritanomaly

64.7468, 72.0989, 49.0320

Monochromacy



Original Color

57.9438, 73.4575, 15.2624

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

57.2239, 65.6604, 40.2296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9438, 73.4575, 15.2624 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(214, 234, 59)` looks like.

```
.text, #text, p{  
    color:rgb(214, 234, 59)  
}
```

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(214, 234, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 234, 59) }
```

Border

The CSS property to change the border of an element to XYZ 57.9438, 73.4575, 15.2624 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(214, 234, 59) }
```


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

```
.border{ border-color:rgb(214, 234, 59) }
```

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

Here you see how a box with a 4 pixel rgb(214, 234, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 234, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 234, 59);  
box-shadow:4px 4px 4px 4px rgb(214, 234,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9438, 73.4575, 15.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 234, 59) }
```

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

```
.background{ background-color: rgb(214,  
234, 59) }
```

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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