

Converting Colors

XYZ(48.3366, 58.9917, 15.1423)

Have a look what the booklet for
XYZ(48.3366, 58.9917, 15.1423)
contains.

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Color

**XYZ(48.3366, 58.9917,
15.1423)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D249
RGB	201, 210, 73
RGB Percent	79%, 82%, 29%
CMY	0.2118, 0.1764, 0.7137
CMYK	0.04, 0.00, 0.65, 0.18
HSL	64°, 60%, 55%
HSV	64°, 65%, 82%
XYZ	48.3366, 58.9917, 15.1423
YIQ	191.6910, 38.6130, -44.5150

Conversions

Conversions Part 2

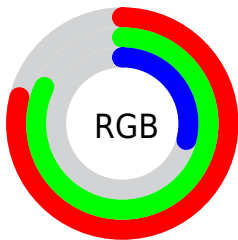
Format	Color
RYB	73, 210, 82
Decimal	13226569
CIELab	81.29, -20.24, 64.12
CIELCh	81, 67.236, 107.519
Yxy	58.9917, 0.3947, 0.4817
Android (android.graphics.Color)	4291416649 (0xFFC9D249)
YUV	191.6910, -58.5147, 8.1640
Hunter-Lab	76.8061, -22.0746, 42.0752

Details

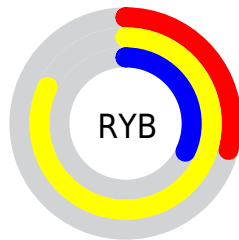
The XYZ color **48.3366, 58.9917, 15.1423** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **17.4970, 11.2134, 62.2185**, and the grayscale version is **50.2387, 52.8551, 57.5592**.

A 20% lighter version of the original color is **80.8963, 94.3385, 34.3675**, and **23.3955, 29.7084, 4.5299** is the 20% darker color. If you saturate the color by 10%, you get **47.3857, 58.5708, 12.0571**, and if you desaturate by 10%, it is **49.5286, 59.5138, 19.4678**.

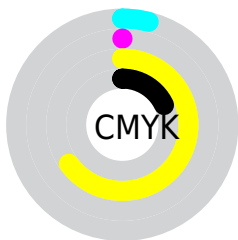
Distribution



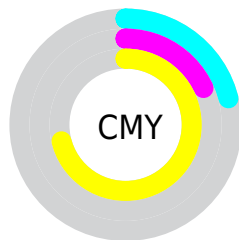
- Red (79%)
- Green (82%)
- Blue (29%)



- Red (29%)
- Yellow (82%)
- Blue (32%)



- Cyan (4%)
- Magenta (0%)
- Yellow (65%)
- Black (18%)




- Cyan (21%)
- Magenta (18%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3366, 58.9917, 15.1423 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 48.3366, 58.9917, 15.1423 by changing the saturation by 10% instead.


 48.3366, 58.9917,
15.1423


 48.3366, 58.9917,
15.1423


370.6852,
420.8712, 235.8963


 34.3059, 42.6064,
8.7716


 86.9120, 103.3656,
35.8485

 23.2927, 29.5764,
4.4977


 112.1874,
132.1230, 51.0210


 14.9317, 19.5173,
1.9022


 141.9418,
165.7733, 69.9645

 8.8574, 12.0447,
0.4941

 176.5405,
204.7008, 93.0976

 4.7047, 6.7741,
0.0000

 216.3488,
249.2900, 120.8388

 2.1080, 3.3212,
0.0000

261.7321,

 0.6936, 1.3017,

299.9251, 153.6066

0.0000

313.0558,
356.9907, 191.8196

■ 0.0000, 0.1425,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.3366, 58.9917,
15.1423

■ 48.3366, 58.9917,
15.1423

■ 47.3857, 58.5708,
12.0571

■ 49.5286, 59.5138,
19.4678

■ 46.6470, 58.2330,
10.0781

■ 50.9790, 60.1374,
25.1422

■ 46.0916, 57.9690,
9.0471

■ 52.7081, 60.8728,
32.2665

■ 45.8651, 57.8585,
8.7505

■ 54.7330, 61.7270,
40.9311

■ 57.0694, 62.7062,
51.2190

■ 59.7322, 63.8163,
63.2072

■ 62.7348, 65.0628,
76.9679

■ 66.0904, 66.4508,
92.5691

■ 68.6616, 67.5255,
104.0226

Harmonies

Analogous

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



62.1026, 58.9917, 14.4814



48.3366, 58.9917, 15.1423



38.4385, 58.9917, 24.9150

Triad

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



48.3366, 58.9917, 15.1423



39.7569, 58.9917, 139.6971



86.7401, 58.9917, 82.4120

Complementary

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



48.3366, 58.9917, 15.1423



17.4970, 11.2134, 62.2185

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.



78.4053, 58.9917, 131.7907



48.3366, 58.9917, 15.1423



50.4410, 58.9917, 173.0129

Square

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



48.3366, 58.9917, 15.1423



34.0827, 58.9917, 90.4021



64.5868, 58.9917, 169.6327



85.9219, 58.9917, 43.6731

Rectangle

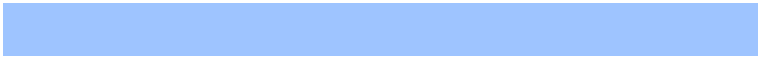
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.3366, 58.9917, 15.1423



34.6589, 58.9917, 38.9929



64.5868, 58.9917, 169.6327



84.8649, 58.9917, 98.5245

Sweetspot

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



48.3380, 58.9944, 15.1435



86.6764, 96.5093, 71.1866



30.6407, 19.8996, 8.5302



18.3361, 20.5663, 14.2881



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.



48.3380, 58.9944, 15.1435



73.0686, 90.6705, 17.4043



34.1869, 51.6993, 14.4813



12.7235, 13.7564, 12.5967



28.0089, 35.3081, 5.3389



1.5897, 1.9864, 0.2996

Inverse Universe

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



17.4970, 11.2134, 62.2185



21.9357, 11.3297, 95.6384



26.2935, 15.7482, 62.6302



11.2346, 11.4543, 14.8624



7.2347, 2.9099, 37.3729



0.4303, 0.1760, 2.0909

Previews

White Background



This preview shows how the XYZ color 48.3366, 58.9917, 15.1423 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 48.3366, 58.9917, 15.1423 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 48.3366, 58.9917, 15.1423

Background



This preview shows how black text looks on a background with the XYZ color 48.3366, 58.9917, 15.1423.



This preview shows how white text looks on a background with the XYZ color 48.3366, 58.9917,

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

48.3366, 58.9917, 15.1423

Protanopia

53.3092, 58.7035, 14.4825

Deuteranopia

60.0446, 58.7730, 15.5768



Tritanopia

59.3551, 58.5295, 70.4563

Trichromacy



Original Color

48.3366, 58.9917, 15.1423

Protanomaly

51.3199, 58.7295, 14.7620

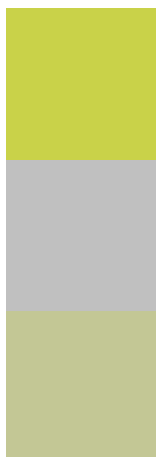
Deuteranomaly

55.3673, 58.7063, 15.4345

Tritanomaly

53.6142, 57.9018, 42.0686

Monochromacy



Original Color

48.3366, 58.9917, 15.1423

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

48.3539, 54.6189, 36.4277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3366, 58.9917, 15.1423 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(201, 210, 73)` looks like.

```
.text, #text, p{  
    color:rgb(201, 210, 73)  
}
```

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(201, 210, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 210, 73) }
```

Border

The CSS property to change the border of an element to XYZ 48.3366, 58.9917, 15.1423 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(201, 210, 73) }
```


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

```
.border{ border-color:rgb(201, 210, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 210, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 210, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 210, 73);  
box-shadow:4px 4px 4px 4px rgb(201, 210,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3366, 58.9917, 15.1423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 210, 73) }
```

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

```
.background{ background-color: rgb(201,  
210, 73) }
```

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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