

Converting Colors

XYZ(48.8433, 58.5099, 9.6457)

Have a look what the booklet for
XYZ(48.8433, 58.5099, 9.6457)
contains.

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Color

**XYZ(49.0258, 58.7372,
9.6732)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D019
RGB	209, 208, 25
RGB Percent	82%, 82%, 10%
CMY	0.1804, 0.1843, 0.9019
CMYK	0.00, 0.00, 0.88, 0.18
HSL	60°, 79%, 46%
HSV	60°, 88%, 82%
XYZ	49.0258, 58.7372, 9.6732
YIQ	187.4370, 59.3390, -56.7010

Conversions

Conversions Part 2

Format	Color
R _Y B	26, 209, 25
Decimal	13750297
CIE Lab	81.15, -17.75, 78.25
CIE LCh	81, 80.241, 102.779
Yxy	58.7372, 0.4175, 0.5002
Android (android.graphics.Color)	4291940377 (0xFFD1D019)
YUV	187.4370, -80.0814, 18.9108
Hunter-Lab	76.6402, -19.9361, 46.1648

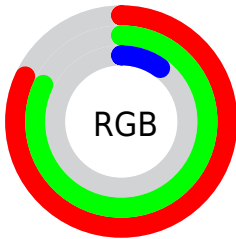
Details

The XYZ color **49.0258, 58.7372, 9.6732** 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 **12.2793, 5.5493, 60.7450**, and the grayscale version is **47.8985, 50.3930, 54.8780**.

A 20% lighter version of the original color is **79.0204, 93.5882, 24.4892**, and **24.1333, 29.5952, 4.4405** is the 20% darker color. If you saturate the color by 10%, you get **48.8465, 58.6237, 8.8591**, and if you desaturate by 10%, it is **49.3705, 58.9213, 11.3467**.

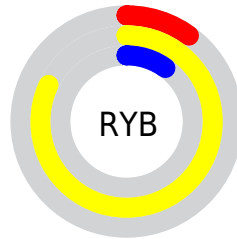
Distribution



Red (82%)

Green (82%)

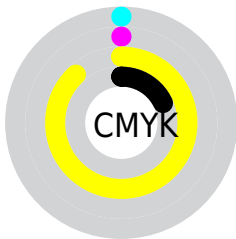
Blue (10%)



Red (10%)

Yellow (82%)

Blue (10%)

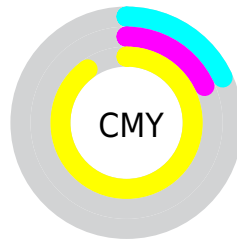


Cyan (0%)

Magenta (0%)

Yellow (88%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0258, 58.7372, 9.6732 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 49.0258, 58.7372, 9.6732 by changing the saturation by 10% instead.

■ 49.0258, 58.7372,
9.6732

■ 49.0258, 58.7372,
9.6732

373.3592,
419.9273, 198.7228

■ 34.8546, 42.4016,
5.0801

■ 87.9303, 102.9956,
25.7771

■ 23.7169, 29.4159,
2.2348

■ 113.3942,
131.6872, 38.1250

■ 15.2473, 19.3957,
0.6943

■ 143.3531,
165.2663, 53.8948

■ 9.0806, 11.9565,
0.0000

■ 178.1723,
204.1172, 73.5052

■ 4.8513, 6.7141,
0.0000

■ 218.2171,
248.6244, 97.3746

■ 2.1941, 3.2839,
0.0000

■ 263.8530,

■ 0.7397, 1.2817,

299.1722, 125.9217

0.0000

315.4452,
356.1450, 159.5649

■ 0.0000, 0.1270,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.0258, 58.7372,
9.6732

■ 49.0258, 58.7372,
9.6732

■ 48.8465, 58.6237,
8.8591

■ 49.3705, 58.9213,
11.3467

■ 48.8186, 58.6039,
8.7387

■ 49.9141, 59.1829,
14.0735

■ 50.6838, 59.5348,
17.9904

■ 51.7013, 59.9860,
23.2125

■ 52.9860, 60.5440,
29.8416

■ 54.5553, 61.2160,
37.9693

■ 56.4252, 62.0081,
47.6794

■ 58.6103, 62.9265,
59.0498

■ 61.1245, 63.9764,
72.1528

Harmonies

Analogous

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



65.8791, 58.7372, 10.2062



49.0258, 58.7372, 9.6732



36.7444, 58.7372, 17.4322

Triad

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



49.0258, 58.7372, 9.6732



35.4293, 58.7372, 148.8949



92.4366, 58.7372, 95.2097

Complementary

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



49.0258, 58.7372, 9.6732



12.2793, 5.5493, 60.7450

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.



80.5852, 58.7372, 157.9216



49.0258, 58.7372, 9.6732



46.8549, 58.7372, 198.0507

Square

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



49.0258, 58.7372, 9.6732



30.0135, 58.7372, 86.5155



63.2319, 58.7372, 201.9946



93.3408, 58.7372, 45.7026

Rectangle

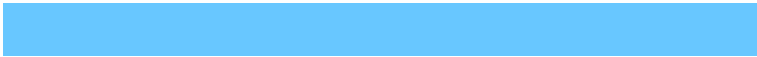
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.0258, 58.7372, 9.6732



31.8753, 58.7372, 30.4507



63.2319, 58.7372, 201.9946



89.5070, 58.7372, 115.8861

Sweetspot

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



49.0271, 58.7400, 9.6744



86.0387, 96.2129, 62.0098



26.8527, 14.3352, 2.4553



18.2139, 20.5076, 12.2255



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.



49.0271, 58.7400, 9.6744



76.5623, 91.9046, 13.7041



30.7317, 49.6690, 8.8878



12.7978, 13.7862, 12.5985



30.1029, 36.1388, 5.3889



1.6850, 2.0243, 0.3019

Inverse Universe

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



12.2793, 5.5493, 60.7450



18.0649, 7.2499, 95.0550



18.7880, 8.8726, 61.0434



11.1688, 11.4278, 14.8608



7.1057, 2.8581, 37.3696



0.3991, 0.1635, 2.0901

Previews

White Background



This preview shows how the XYZ color 49.0258, 58.7372, 9.6732 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 49.0258, 58.7372, 9.6732 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 49.0258, 58.7372, 9.6732

Background



This preview shows how black text looks on a background with the XYZ color 49.0258, 58.7372, 9.6732.



This preview shows how white text looks on a background with the XYZ color 49.0258, 58.7372,

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

49.0258, 58.7372, 9.6732

Protanopia

52.9537, 58.6338, 9.3371

Deuteranopia

59.8701, 58.4789, 10.0515



Tritanopia

61.0100, 58.4314, 68.3844

Trichromacy



Original Color

49.0258, 58.7372, 9.6732

Protanomaly

51.2729, 58.4673, 9.4471

Deuteranomaly

55.5149, 58.2251, 9.8260

Tritanomaly

53.9900, 57.2466, 33.7953

Monochromacy



Original Color

49.0258, 58.7372, 9.6732

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.9171, 52.1908, 28.0758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0258, 58.7372, 9.6732 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(209, 208, 25)` looks like.

```
.text, #text, p{  
    color:rgb(209, 208, 25)  
}
```

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(209, 208, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 208, 25) }
```

Border

The CSS property to change the border of an element to XYZ 49.0258, 58.7372, 9.6732 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(209, 208, 25) }
```


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

```
.border{ border-color:rgb(209, 208, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 208, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 208, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 208, 25);  
box-shadow:4px 4px 4px 4px rgb(209, 208,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0258, 58.7372, 9.6732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 208, 25) }
```

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

```
.background{ background-color: rgb(209,  
208, 25) }
```

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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