

Converting Colors

XYZ(50.6483, 61.8820, 9.2750)

Have a look what the booklet for
XYZ(50.6483, 61.8820, 9.2750)
contains.

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Color

**XYZ(50.6249, 61.7948,
9.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D600
RGB	210, 214, 0
RGB Percent	82%, 84%, 0%
CMY	0.1765, 0.1608, 0.9999
CMYK	0.02, 0.00, 1.00, 0.16
HSL	61°, 100%, 42%
HSV	61°, 100%, 84%
XYZ	50.6249, 61.7948, 9.2594
YIQ	188.4080, 66.3100, -67.4020

Conversions

Conversions Part 2

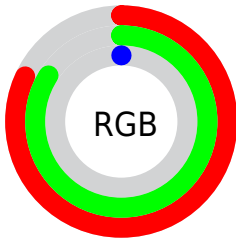
Format	Color
R_{YB}	0, 214, 4
Decimal	13817344
CIE _{Lab}	82.80, -20.58, 82.40
CIE _{LCh}	83, 84.932, 104.022
Yxy	61.7948, 0.4161, 0.5079
Android (android.graphics.Color)	4292007424 (0xFFD2D600)
YUV	188.4080, -92.8851, 18.9362
Hunter-Lab	78.6097, -22.6123, 48.0430

Details

The XYZ color **50.6249, 61.7948, 9.2594** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **12.1892, 4.8820, 63.9222**, and the grayscale version is **48.5216, 51.0485, 55.5918**.

A 20% lighter version of the original color is **78.7203, 93.4681, 22.9090**, and **25.3333, 31.7209, 4.7875** is the 20% darker color. If you saturate the color by 10%, you get **50.6260, 61.7975, 9.2598**, and if you desaturate by 10%, it is **50.8798, 61.9123, 9.9991**.

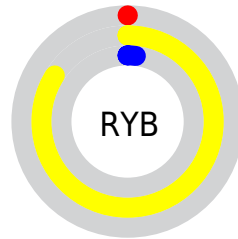
Distribution



Red (82%)

Green (84%)

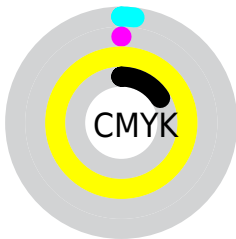
Blue (0%)



Red (0%)

Yellow (84%)

Blue (2%)

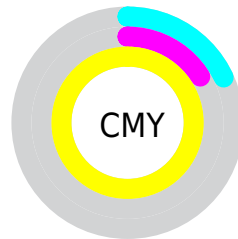


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (18%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6249, 61.7948, 9.2594 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 50.6249, 61.7948, 9.2594 by changing the saturation by 10% instead.

50.6249, 61.7948,
9.2594

50.6249, 61.7948,
9.2594

379.5164,
431.1822, 195.5901

36.1300, 44.8669,
4.8116

90.2864, 107.4289,
24.9785

24.7052, 31.3526,
2.0804

116.1836,
136.9039, 37.0870

15.9851, 20.8675,
0.6041

146.6124,
171.3301, 52.5861

9.6044, 13.0272,
0.0000

181.9381,
211.0918, 71.8943

5.1977, 7.4473,
0.0000

222.5259,
256.5735, 95.4304

2.3997, 3.7434,
0.0000

268.7414,

0.8449, 1.5311,

308.1595, 123.6126

0.0000

320.9497,
366.2343, 156.8597

■ 0.0000, 0.3104,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.6249, 61.7948,
9.2594

■ 50.6249, 61.7948,
9.2594

■ 50.6260, 61.7975,
9.2598

■ 50.8798, 61.9123,
9.9991

■ 51.2878, 62.0887,
11.5503

■ 51.9017, 62.3475,
14.1836

■ 52.7497, 62.7000,
18.0484

■ 53.8557, 63.1558,
23.2703

■ 55.2407, 63.7231,
29.9597

■ 56.9234, 64.4096,
38.2155

■ 58.9210, 65.2221,
48.1282

■ 61.2494, 66.1669,
59.7812

Harmonies

Analogous

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



68.9478, 61.7948, 9.4985



50.6249, 61.7948, 9.2594



37.5424, 61.7948, 17.7616

Triad

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



50.6249, 61.7948, 9.2594



36.9163, 61.7948, 164.2492



99.4069, 61.7948, 98.9627

Complementary

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



50.6249, 61.7948, 9.2594



12.1892, 4.8820, 63.9222

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.



86.6943, 61.7948, 168.6942



50.6249, 61.7948, 9.2594



49.5824, 61.7948, 217.8149

Square

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



50.6249, 61.7948, 9.2594



30.8125, 61.7948, 94.7315



67.6661, 61.7948, 219.7671



99.8486, 61.7948, 45.7275

Rectangle

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



50.6249, 61.7948, 9.2594



32.4698, 61.7948, 32.1281



67.6661, 61.7948, 219.7671



96.3249, 61.7948, 121.6941

Sweetspot

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



50.6263, 61.7977, 9.2607



84.5611, 95.7438, 56.4067



27.7724, 14.3751, 1.3117



17.8609, 20.3958, 10.8985



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.



50.6263, 61.7977, 9.2607



75.2650, 91.8856, 13.7688



29.6936, 51.0065, 8.2810



13.4488, 14.5076, 13.2521



30.6088, 37.3557, 5.5971



1.8537, 2.2570, 0.3379

Inverse Universe

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



12.1892, 4.8820, 63.9222



18.1098, 7.2508, 95.0528



18.6419, 8.2085, 64.2241



11.7639, 12.0197, 15.6375



7.3764, 2.9552, 38.6348



0.4527, 0.1822, 2.3306

Previews

White Background



This preview shows how the XYZ color 50.6249, 61.7948, 9.2594 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 50.6249, 61.7948, 9.2594 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 50.6249, 61.7948, 9.2594

Background



This preview shows how black text looks on a background with the XYZ color 50.6249, 61.7948, 9.2594.



This preview shows how white text looks on a background with the XYZ color 50.6249, 61.7948,

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

50.6249, 61.7948, 9.2594

Protanopia

55.5915, 61.7815, 8.9950

Deuteranopia

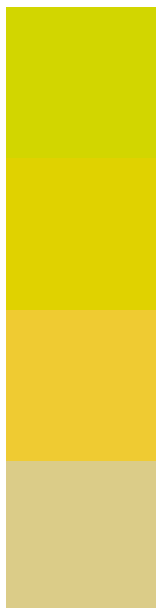
62.3551, 61.2899, 15.7514



Tritanopia

63.3015, 61.5492, 72.1622

Trichromacy



Original Color

50.6249, 61.7948, 9.2594

Protanomaly

53.7871, 61.9405, 9.1208

Deuteranomaly

57.5283, 61.2929, 11.8163

Tritanomaly

55.2502, 60.0234, 31.9662

Monochromacy



Original Color

50.6249, 61.7948, 9.2594

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.1214, 53.0243, 25.5732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6249, 61.7948, 9.2594 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(210, 214, 0)` looks like.

```
.text, #text, p{  
    color:rgb(210, 214, 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(210, 214, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 214, 0) }
```

Border

The CSS property to change the border of an element to XYZ 50.6249, 61.7948, 9.2594 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(210, 214, 0) }
```


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

```
.border{ border-color:rgb(210, 214, 0) }
```

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

Here you see how a box with a 4 pixel rgb(210, 214, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 214, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 214, 0);  
box-shadow:4px 4px 4px 4px rgb(210, 214,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6249, 61.7948, 9.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 214, 0) }
```

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

```
.background{ background-color: rgb(210,  
214, 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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