

Converting Colors

XYZ(59.2570, 66.9530, 47.6874)

Have a look what the booklet for
XYZ(59.2570, 66.9530, 47.6874)
contains.

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Color

**XYZ(59.1911, 66.8940,
47.8223)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DAAA
RGB	211, 218, 170
RGB Percent	83%, 85%, 67%
CMY	0.1725, 0.1451, 0.3333
CMYK	0.03, 0.00, 0.22, 0.15
HSL	69°, 39%, 76%
HSV	69°, 22%, 85%
XYZ	59.1911, 66.8940, 47.8223
YIQ	210.4350, 11.2360, -16.4120

Conversions

Conversions Part 2

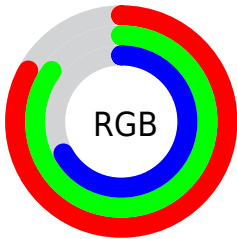
Format	Color
RYB	170, 218, 177
Decimal	13884074
CIELab	85.45, -10.30, 22.89
CIELCh	85, 25.100, 114.238
Yxy	66.8940, 0.3404, 0.3847
Android (android.graphics.Color)	4292074154 (0xFFD3DAAA)
YUV	210.4350, -19.9345, 0.4955
Hunter-Lab	81.7888, -13.9486, 22.5850

Details

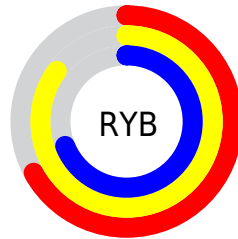
The XYZ color **59.1911, 66.8940, 47.8223** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.1636, 43.1603, 72.2838**, and the grayscale version is **61.6678, 64.8794, 70.6536**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **30.0775, 34.5703, 22.2270** is the 20% darker color. If you saturate the color by 10%, you get **56.3958, 65.6739, 37.8045**, and if you desaturate by 10%, it is **62.3500, 68.2662, 59.6449**.

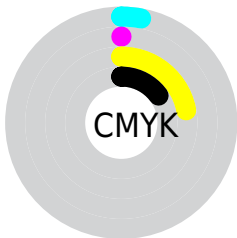
Distribution



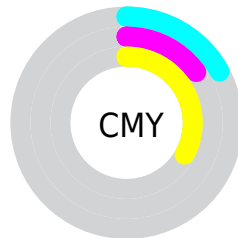
- Red (83%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (15%)





- Cyan (17%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1911, 66.8940, 47.8223 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 59.1911, 66.8940, 47.8223 by changing the saturation by 10% instead.


 59.1911, 66.8940,
47.8223

 59.1911, 66.8940,
47.8223


411.4924,
449.5674, 394.5757

 43.0139, 48.9985,
33.3272


 102.7684,
114.7685, 88.3026

 30.0906, 34.6183,
22.1040


130.8992,
145.5163, 115.1248

 20.0558, 23.3690,
13.7343


163.7454,
181.3170, 146.8932

 12.5441, 14.8662,
7.7995

201.6721,
222.5549, 184.0262

 7.1902, 8.7255,
3.8810

245.0448,
269.6145, 226.9424

 3.6287, 4.5626,
1.5603

294.2289,

 1.4943, 1.9930,

322.8802, 276.0604

0.2622

349.5896,
382.7364, 331.7986

■ 0.3220, 0.6034,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1911, 66.8940,
47.8223

■ 59.1911, 66.8940,
47.8223

■ 56.3958, 65.6739,
37.8045

■ 62.3500, 68.2662,
59.6449

■ 53.9418, 64.5901,
29.4986

■ 65.8831, 69.7878,
73.3508

■ 51.8126, 63.6383,
22.8097

■ 69.8068, 71.4678,
89.0187

■ 49.9879, 62.8104,
17.6321

■ 73.7782, 73.1691,
104.8423

■ 48.4453, 62.0973,
13.8474

■ 74.7719, 73.6813,
104.8888

■ 47.1587, 61.4886,
11.3197

■ 75.7841, 74.2031,
104.9361

■ 46.0971, 60.9720,
9.8860

■ 76.8149, 74.7346,
104.9844

■ 45.3696, 60.6090,
9.3075

■ 77.8645, 75.2756,
105.0335

■ 78.9329, 75.8264,
105.0835

Harmonies

Analogous

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



64.6863, 66.8940, 45.8808



59.1911, 66.8940, 47.8223



55.1038, 66.8940, 56.0049

Triad

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



59.1911, 66.8940, 47.8223



57.3944, 66.8940, 101.3579



75.1080, 66.8940, 76.0298

Complementary

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



59.1911, 66.8940, 47.8223



45.1636, 43.1603, 72.2838

Split Complementary

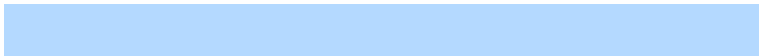
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.8853, 66.8940, 92.7411



59.1911, 66.8940, 47.8223



62.4879, 66.8940, 108.7001

Square

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



59.1911, 66.8940, 47.8223



54.1107, 66.8940, 86.4820



68.1822, 66.8940, 105.3327



74.0959, 66.8940, 60.7071

Rectangle

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



59.1911, 66.8940, 47.8223



53.6151, 66.8940, 64.6463



68.1822, 66.8940, 105.3327



74.7105, 66.8940, 81.6902

Sweetspot

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



59.1928, 66.8970, 47.8237



91.3562, 98.4125, 94.4162



51.7753, 49.0173, 44.7636



19.4886, 21.0361, 19.9555



0.0000, 0.0000, 0.0000



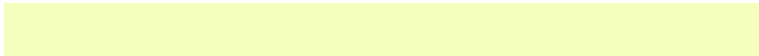
20.3446, 21.4041, 23.3091

Same Dimension

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



59.1928, 66.8970, 47.8237



82.6826, 94.6522, 61.8854



52.9701, 63.6890, 47.5325



13.9658, 15.1626, 13.9162



27.2507, 36.3457, 5.5792



1.8175, 2.3815, 0.3639

Inverse Universe

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



45.1636, 43.1603, 72.2838



59.5707, 55.5430, 102.1889



50.9582, 46.1475, 72.5550



12.5146, 12.7079, 16.4454



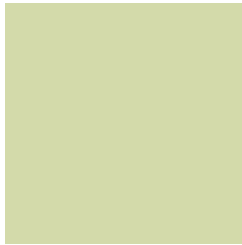
7.9900, 3.2432, 39.9433



0.5750, 0.2397, 2.5904

Previews

White Background



This preview shows how the XYZ color 59.1911, 66.8940, 47.8223 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 59.1911, 66.8940, 47.8223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

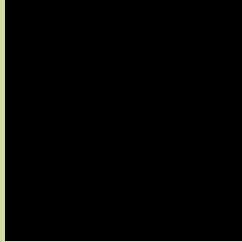
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

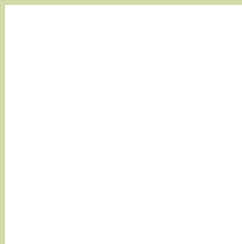
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1911, 66.8940, 47.8223

Background



This preview shows how black text looks on a background with the XYZ color 59.1911, 66.8940, 47.8223.



This preview shows how white text looks on a background with the XYZ color 59.1911, 66.8940,

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

59.1911, 66.8940, 47.8223

Protanopia

62.5407, 66.7465, 46.6329

Deuteranopia

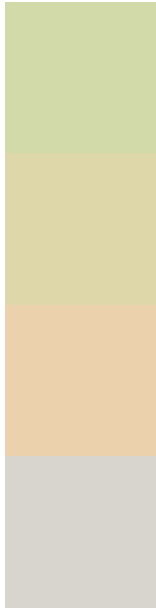
68.0855, 66.6362, 48.8087



Tritanopia

66.1251, 66.6993, 82.0621

Trichromacy



Original Color

59.1911, 66.8940, 47.8223

Protanomaly

61.2807, 66.8376, 47.2072

Deuteranomaly

64.7539, 66.7339, 48.4978

Tritanomaly

63.2537, 66.6437, 67.9222

Monochromacy



Original Color

59.1911, 66.8940, 47.8223

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.2229, 65.2303, 61.0464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1911, 66.8940, 47.8223 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(211, 218, 170)` looks like.

```
.text, #text, p{  
    color:rgb(211, 218, 170)  
}
```

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(211, 218, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 218, 170) }
```

Border

The CSS property to change the border of an element to XYZ 59.1911, 66.8940, 47.8223 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(211, 218, 170) }
```


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

```
.border{ border-color:rgb(211, 218, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 218, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 218, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 218, 170);  
box-shadow:4px 4px 4px 4px rgb(211, 218,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1911, 66.8940, 47.8223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 218, 170) }
```

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

```
.background{ background-color: rgb(211,  
218, 170) }
```

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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