

Converting Colors

XYZ(60.0609, 66.4878, 49.8238)

Have a look what the booklet for
XYZ(60.0609, 66.4878, 49.8238)
contains.

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Color

**XYZ(59.9274, 66.4639,
49.7147)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D8AE
RGB	214, 216, 174
RGB Percent	84%, 85%, 68%
CMY	0.1608, 0.1529, 0.3176
CMYK	0.01, 0.00, 0.19, 0.15
HSL	63°, 35%, 76%
HSV	63°, 19%, 85%
XYZ	59.9274, 66.4639, 49.7147
YIQ	210.6140, 12.2900, -13.4860

Conversions

Conversions Part 2

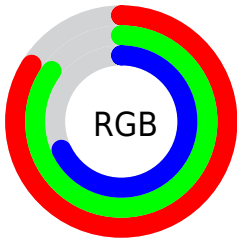
Format	Color
RYB	174, 216, 176
Decimal	14080174
CIELab	85.23, -7.60, 20.53
CIELCh	85, 21.895, 110.317
Yxy	66.4639, 0.3403, 0.3774
Android (android.graphics.Color)	4292270254 (0xFFD6D8AE)
YUV	210.6140, -18.0507, 2.9695
Hunter-Lab	81.5254, -11.4583, 20.9124

Details

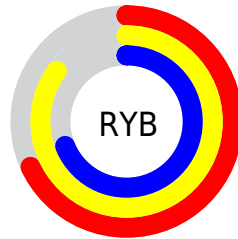
The XYZ color **59.9274, 66.4639, 49.7147** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.4378, 44.4619, 71.1567**, and the grayscale version is **61.7733, 64.9903, 70.7745**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **30.4941, 34.2411, 23.0911** is the 20% darker color. If you saturate the color by 10%, you get **57.6894, 65.5363, 39.4876**, and if you desaturate by 10%, it is **62.5095, 67.5339, 61.7283**.

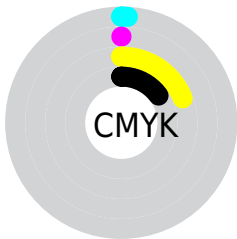
Distribution



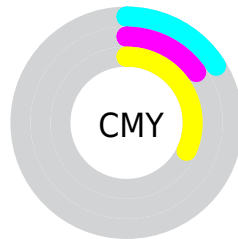
- Red (84%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9274, 66.4639, 49.7147 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 59.9274, 66.4639, 49.7147 by changing the saturation by 10% instead.

■ 59.9274, 66.4639,
49.7147

■ 59.9274, 66.4639,
49.7147

414.1691,
448.0341, 402.2523

■ 43.6094, 48.6491,
34.8172

■ 103.8313,
114.1519, 91.1440

■ 30.5601, 34.3412,
23.2396

132.1478,
144.7939, 118.5128

■ 20.4143, 23.1558,
14.5636

165.1946,
180.4803, 150.8758

■ 12.8066, 14.7086,
8.3705

203.3370,
221.5957, 188.6515

■ 7.3716, 8.6151,
4.2418

246.9402,
268.5244, 232.2584

■ 3.7439, 4.4910,
1.7589

296.3698,

■ 1.5583, 1.9518,

321.6507, 282.1152

0.4006

351.9910,
381.3592, 338.6403

■ 0.3650, 0.5793,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9274, 66.4639,
49.7147

■ 59.9274, 66.4639,
49.7147

■ 57.6894, 65.5363,
39.4876

■ 62.5095, 67.5339,
61.7283

■ 55.7741, 64.7357,
30.9576

■ 65.4455, 68.7434,
75.6036

■ 54.1658, 64.0582,
24.0342

■ 68.7514, 70.1010,
91.4165

■ 52.8453, 63.4960,
18.6165

■ 71.5581, 71.2592,
104.5906

■ 51.7913, 63.0406,
14.5925

■ 71.8676, 71.4188,
104.6051

■ 50.9796, 62.6824,
11.8343

■ 72.1791, 71.5794,
104.6197

■ 50.3814, 62.4098,
10.1909

■ 72.4925, 71.7410,
104.6344

■ 49.9486, 62.2035,
9.4083

■ 72.8079, 71.9035,
104.6491

■ 49.9262, 62.1927,
9.3730

■ 73.1251, 72.0671,
104.6640

Harmonies

Analogous

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



64.7850, 66.4639, 48.7046



59.9274, 66.4639, 49.7147



56.1326, 66.4639, 56.3335

Triad

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



59.9274, 66.4639, 49.7147



57.2923, 66.4639, 95.4153



73.0171, 66.4639, 77.0461

Complementary

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



59.9274, 66.4639, 49.7147



45.4378, 44.4619, 71.1567

Split Complementary

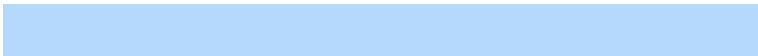
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.7765, 66.4639, 91.1883



59.9274, 66.4639, 49.7147



61.5859, 66.4639, 102.6705

Square

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



59.9274, 66.4639, 49.7147



54.6672, 66.4639, 82.2416



66.5315, 66.4639, 101.0300



72.5159, 66.4639, 63.3178

Rectangle

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



59.9274, 66.4639, 49.7147



54.6346, 66.4639, 63.5770



66.5315, 66.4639, 101.0300



72.5554, 66.4639, 81.9340

Sweetspot

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



59.9291, 66.4668, 49.7161



92.4155, 98.9152, 96.4263



51.3690, 48.4725, 46.6940



19.7218, 21.1477, 20.3617



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.



59.9291, 66.4668, 49.7161



85.9812, 96.2544, 66.4809



54.3440, 63.5876, 49.4547



13.4115, 14.4884, 13.2504



29.5764, 36.8235, 5.5488



1.8023, 2.2305, 0.3355

Inverse Universe

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



45.4378, 44.4619, 71.1567



61.4619, 59.0205, 102.7605



50.4019, 47.0210, 71.3890



11.7969, 12.0367, 15.6391



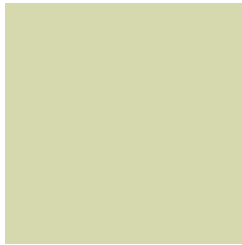
7.4385, 2.9872, 38.6377



0.4684, 0.1904, 2.3314

Previews

White Background



This preview shows how the XYZ color 59.9274, 66.4639, 49.7147 looks on a white background.

Color Contrast Check

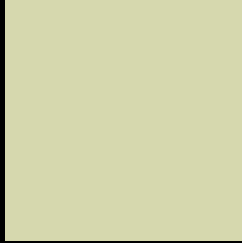
Large Text (above 18pt) WCAG AA × Fail

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 59.9274, 66.4639, 49.7147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

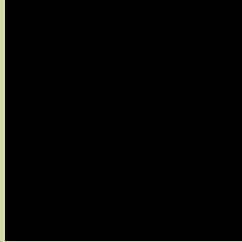
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

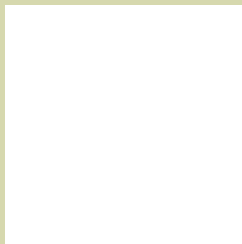
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9274, 66.4639, 49.7147

Background



This preview shows how black text looks on a background with the XYZ color 59.9274, 66.4639, 49.7147.



This preview shows how white text looks on a background with the XYZ color 59.9274, 66.4639,

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

59.9274, 66.4639, 49.7147

Protanopia

62.3539, 66.2343, 48.5278

Deuteranopia

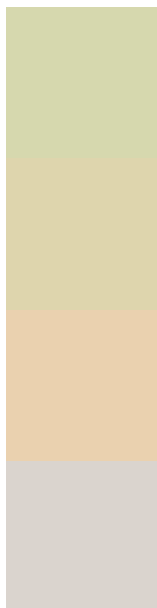
67.6738, 66.3901, 50.3221



Tritanopia

66.2099, 66.4093, 80.5628

Trichromacy



Original Color

59.9274, 66.4639, 49.7147

Protanomaly

61.4613, 66.1352, 49.0612

Deuteranomaly

64.4700, 66.1885, 49.9352

Tritanomaly

63.5975, 66.4486, 67.8664

Monochromacy



Original Color

59.9274, 66.4639, 49.7147

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1387, 65.6628, 62.8779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9274, 66.4639, 49.7147 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, 216, 174) looks like.

```
.text, #text, p{  
    color:rgb(214, 216, 174)  
}
```

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, 216, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 216, 174) }
```

Border

The CSS property to change the border of an element to XYZ 59.9274, 66.4639, 49.7147 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, 216, 174) }
```


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

```
.border{ border-color:rgb(214, 216, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 216, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 216, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 216, 174);  
box-shadow:4px 4px 4px 4px rgb(214, 216,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9274, 66.4639, 49.7147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 216, 174) }
```

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

```
.background{ background-color: rgb(214,  
216, 174) }
```

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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