

Converting Colors

XYZ(59.9010, 67.6026, 49.9876)

Have a look what the booklet for
XYZ(59.9010, 67.6026, 49.9876)
contains.

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Color

**XYZ(59.8355, 67.5679,
49.9326)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DBAE
RGB	211, 219, 174
RGB Percent	83%, 86%, 68%
CMY	0.1725, 0.1412, 0.3176
CMYK	0.04, 0.00, 0.21, 0.14
HSL	71°, 38%, 77%
HSV	71°, 21%, 86%
XYZ	59.8355, 67.5679, 49.9326
YIQ	211.4780, 9.6770, -15.6910

Conversions

Conversions Part 2

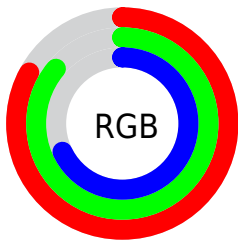
Format	Color
RYB	174, 219, 182
Decimal	13884334
CIELab	85.79, -10.22, 21.27
CIELCh	86, 23.599, 115.674
Yxy	67.5679, 0.3374, 0.3810
Android (android.graphics.Color)	4292074414 (0xFFD3DBAE)
YUV	211.4780, -18.4767, -0.4192
Hunter-Lab	82.1997, -13.9142, 21.5238

Details

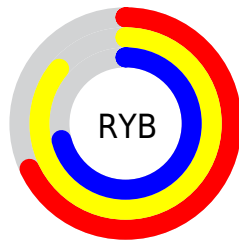
The XYZ color **59.8355, 67.5679, 49.9326** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.2162, 45.3334, 73.2832**, and the grayscale version is **62.3486, 65.5956, 71.4336**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **30.4370, 34.9993, 23.2405** is the 20% darker color. If you saturate the color by 10%, you get **56.7703, 66.2167, 39.5383**, and if you desaturate by 10%, it is **63.2794, 69.0782, 62.1645**.

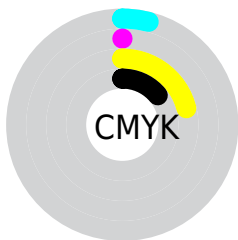
Distribution



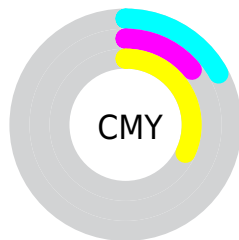
- Red (83%)
- Green (86%)
- Blue (68%)



- Red (68%)
- Yellow (86%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (21%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8355, 67.5679, 49.9326 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 59.8355, 67.5679, 49.9326 by changing the saturation by 10% instead.

■ 59.8355, 67.5679,
49.9326

■ 59.8355, 67.5679,
49.9326

413.8356,
451.9635, 403.1298

■ 43.5350, 49.5463,
34.9890

■ 103.6987,
115.7338, 91.4703

■ 30.5015, 35.0530,
23.3709

131.9921,
146.6468, 118.9015

■ 20.3695, 23.7037,
14.6598

165.0139,
182.6258, 151.3323

■ 12.7737, 15.1140,
8.4370

203.1294,
224.0551, 189.1813

■ 7.3488, 8.8994,
4.2841

246.7040,
271.3192, 232.8670

■ 3.7295, 4.6756,
1.7824

296.1030,

■ 1.5503, 2.0582,

324.8023, 282.8080

0.4163

351.6917,
384.8890, 339.4227

■ 0.3596, 0.6410,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8355, 67.5679,
49.9326

■ 59.8355, 67.5679,
49.9326

■ 56.7703, 66.2167,
39.5383

■ 63.2794, 69.0782,
62.1645

■ 54.0616, 65.0090,
30.8884

■ 67.1127, 70.7452,
76.3125

■ 51.6925, 63.9402,
23.8885

■ 71.3520, 72.5777,
92.4555

■ 49.6430, 63.0022,
18.4329

■ 74.9298, 74.1488,
104.9707

■ 47.8906, 62.1862,
14.4043

■ 76.1694, 74.7879,
105.0287

■ 46.4094, 61.4816,
11.6682

■ 77.4371, 75.4414,
105.0880

■ 45.1689, 60.8763,
10.0645

■ 78.7328, 76.1094,
105.1487

■ 44.1675, 60.3754,
9.3257

■ 80.0569, 76.7920,
105.2106

■ 81.4095, 77.4892,
105.2739

Harmonies

Analogous

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



65.0062, 67.5679, 47.7672



59.8355, 67.5679, 49.9326



56.0379, 67.5679, 58.0713

Triad

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



59.8355, 67.5679, 49.9326



58.5531, 67.5679, 100.9016



75.1185, 67.5679, 75.8316

Complementary

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



59.8355, 67.5679, 49.9326



47.2162, 45.3334, 73.2832

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.



73.1649, 67.5679, 91.6066



59.8355, 67.5679, 49.9326



63.4427, 67.5679, 107.3086

Square

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



59.8355, 67.5679, 49.9326



55.3271, 67.5679, 87.1913



68.8163, 67.5679, 103.6905



74.0210, 67.5679, 61.4467

Rectangle

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



59.8355, 67.5679, 49.9326



54.6950, 67.5679, 66.4679



68.8163, 67.5679, 103.6905



74.7940, 67.5679, 81.1607

Sweetspot

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



59.8373, 67.5709, 49.9340



91.6895, 98.5410, 96.3924



53.4814, 51.3694, 47.1418



19.5497, 21.0589, 20.3536



0.0000, 0.0000, 0.0000



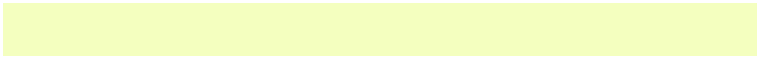
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8373, 67.5709, 49.9340



82.3823, 94.4652, 63.3262



53.9601, 64.5411, 49.6590



13.9232, 15.1407, 13.9142



26.2718, 35.8411, 5.5334



1.7627, 2.3533, 0.3613

Inverse Universe

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



47.2162, 45.3334, 73.2832



61.2521, 57.2296, 102.4258



52.8263, 48.2255, 73.5457



12.5536, 12.7280, 16.4472



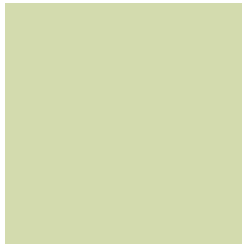
8.1419, 3.3215, 39.9504



0.5934, 0.2492, 2.5913

Previews

White Background



This preview shows how the XYZ color 59.8355, 67.5679, 49.9326 looks on a white background.

Color Contrast Check

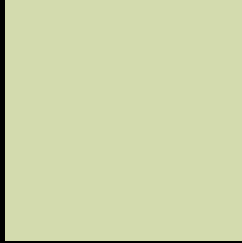
Large Text (above 18pt) WCAG AA × Fail

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 59.8355, 67.5679, 49.9326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

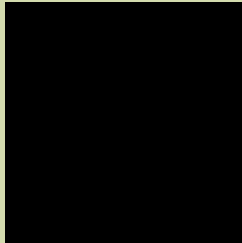
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

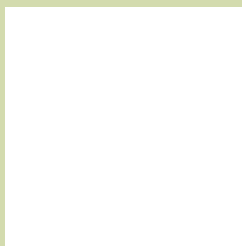
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8355, 67.5679, 49.9326

Background



This preview shows how black text looks on a background with the XYZ color 59.8355, 67.5679, 49.9326.



This preview shows how white text looks on a background with the XYZ color 59.8355, 67.5679,

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

59.8355, 67.5679, 49.9326

Protanopia

63.4879, 67.5657, 48.7250

Deuteranopia

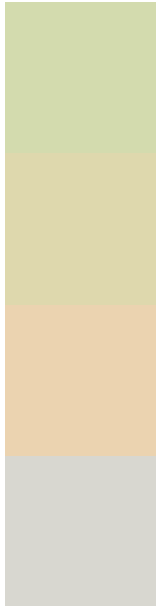
68.7185, 67.2734, 50.9582



Tritanopia

66.7605, 67.7485, 82.9569

Trichromacy



Original Color

59.8355, 67.5679, 49.9326

Protanomaly

62.2229, 67.6585, 49.3151

Deuteranomaly

65.3917, 67.3853, 50.6344

Tritanomaly

64.0045, 67.7539, 69.3789

Monochromacy



Original Color

59.8355, 67.5679, 49.9326

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1036, 66.0192, 62.9486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8355, 67.5679, 49.9326 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, 219, 174)` looks like.

```
.text, #text, p{  
    color:rgb(211, 219, 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(211, 219, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 219, 174) }
```

Border

The CSS property to change the border of an element to XYZ 59.8355, 67.5679, 49.9326 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, 219, 174) }
```


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

```
.border{ border-color:rgb(211, 219, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 219, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 219, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 219, 174);  
box-shadow:4px 4px 4px 4px rgb(211, 219,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8355, 67.5679, 49.9326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 219, 174) }
```

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

```
.background{ background-color: rgb(211,  
219, 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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