

Converting Colors

XYZ(59.4002, 67.9108, 57.0762)

Have a look what the booklet for
XYZ(59.4002, 67.9108, 57.0762)
contains.

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Color

**XYZ(59.4547, 67.9973,
57.0049)**

Conversions

Conversions Part 1

Format	Color
Hex	CBDDBB
RGB	203, 221, 187
RGB Percent	80%, 87%, 73%
CMY	0.2039, 0.1333, 0.2667
CMYK	0.08, 0.00, 0.15, 0.13
HSL	92°, 33%, 80%
HSV	92°, 15%, 87%
XYZ	59.4547, 67.9973, 57.0049
YIQ	211.7420, 0.1860, -14.3900

Conversions

Conversions Part 2

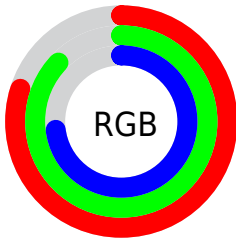
Format	Color
RYB	187, 221, 205
Decimal	13360571
CIELab	86.01, -12.06, 14.68
CIELCh	86, 18.998, 129.415
Yxy	67.9973, 0.3223, 0.3686
Android (android.graphics.Color)	4291550651 (0xFFCBDDBB)
YUV	211.7420, -12.1978, -7.6667
Hunter-Lab	82.4605, -15.6058, 16.7352

Details

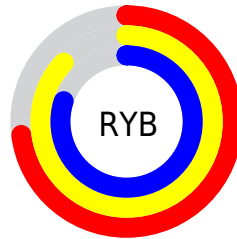
The XYZ color **59.4547, 67.9973, 57.0049** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.0011, 53.7421, 75.8320**, and the grayscale version is **62.4879, 65.7421, 71.5932**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **30.3337, 35.3832, 27.7851** is the 20% darker color. If you saturate the color by 10%, you get **54.2015, 65.5439, 45.3447**, and if you desaturate by 10%, it is **65.3163, 70.7263, 70.5970**.

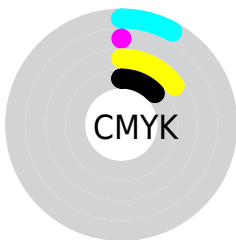
Distribution



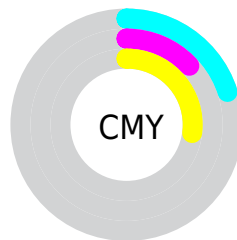
- Red (80%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4547, 67.9973, 57.0049 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 59.4547, 67.9973, 57.0049 by changing the saturation by 10% instead.

■ 59.4547, 67.9973,
57.0049

■ 59.4547, 67.9973,
57.0049

412.4519,
453.4864, 430.9619

■ 43.2270, 49.8955,
40.5998

■ 103.1491,
116.3483, 101.9727

■ 30.2586, 35.3304,
27.6892

131.3465,
147.3663, 131.3726

■ 20.1840, 23.9175,
17.8545

164.2646,
183.4585, 165.9410

■ 12.6379, 15.2724,
10.6772

202.2687,
225.0093, 206.0967

■ 7.2550, 9.0108,
5.7388

245.7241,
272.4031, 252.2580

■ 3.6698, 4.7482,
2.6207

294.9962,

■ 1.5171, 2.1003,

326.0243, 304.8437

0.9031

350.4503,
386.2573, 364.2721

■ 0.3374, 0.6648,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4547, 67.9973,
57.0049

■ 59.4547, 67.9973,
57.0049

■ 54.2015, 65.5439,
45.3447

■ 65.3163, 70.7263,
70.5970

■ 49.5294, 63.3478,
35.5244

■ 71.8014, 73.7309,
86.1987

■ 45.4168, 61.4021,
27.4510

■ 78.9315, 77.0225,
103.8888

■ 41.8386, 59.6961,
21.0217

■ 83.2636, 79.2243,
105.5111

■ 38.7674, 58.2181,
16.1228

■ 85.1478, 80.1957,
105.5993

■ 36.1728, 56.9552,
12.6263

■ 34.0201, 55.8929,
10.3832

■ 32.2680, 55.0138,
9.2109

■ 31.5652, 54.6579,
8.8864

Harmonies

Analogous

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



63.2686, 67.9973, 52.8002



59.4547, 67.9973, 57.0049



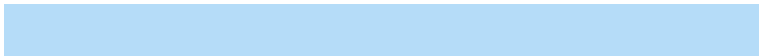
57.0995, 67.9973, 65.9178

Triad

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



59.4547, 67.9973, 57.0049



61.7283, 67.9973, 98.8468



73.2516, 67.9973, 70.1816

Complementary

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



59.4547, 67.9973, 57.0049



56.0011, 53.7421, 75.8320

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.



72.7938, 67.9973, 82.7981



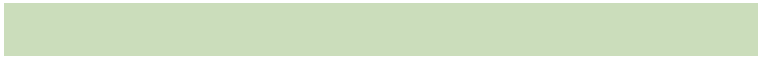
59.4547, 67.9973, 57.0049



66.0095, 67.9973, 100.3197

Square

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



59.4547, 67.9973, 57.0049



58.3706, 67.9973, 90.3403



70.0960, 67.9973, 94.1641



71.3203, 67.9973, 59.8244

Rectangle

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



59.4547, 67.9973, 57.0049



56.6088, 67.9973, 73.7927



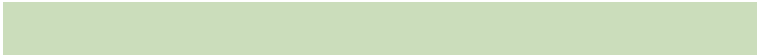
70.0960, 67.9973, 94.1641



73.3739, 67.9973, 74.2829

Sweetspot

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



59.4565, 68.0002, 57.0064



90.6244, 97.9479, 98.3308



60.5189, 62.4182, 55.8729



19.2680, 20.9048, 20.7411



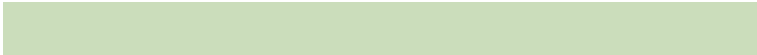
0.0000, 0.0000, 0.0000



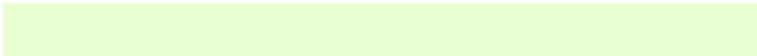
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4565, 68.0002, 57.0064



80.1382, 93.0669, 74.1265



55.3824, 65.8929, 57.1331



13.4662, 14.9051, 13.8928



18.4643, 31.8162, 5.1680



1.2951, 2.1122, 0.3394

Inverse Universe

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



56.0011, 53.7421, 75.8320



74.6111, 70.2616, 104.2372



60.5675, 56.1050, 75.6521



12.9936, 12.9548, 16.4678



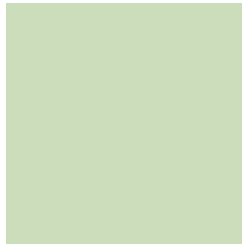
11.9765, 5.2983, 40.1298



0.8751, 0.3944, 2.6044

Previews

White Background



This preview shows how the XYZ color 59.4547, 67.9973, 57.0049 looks on a white background.

Color Contrast Check

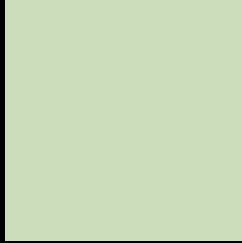
Large Text (above 18pt) WCAG AA × Fail

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 59.4547, 67.9973, 57.0049 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

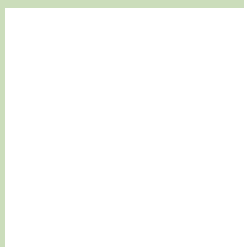
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4547, 67.9973, 57.0049

Background



This preview shows how black text looks on a background with the XYZ color 59.4547, 67.9973, 57.0049.



This preview shows how white text looks on a background with the XYZ color 59.4547, 67.9973,

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

59.4547, 67.9973, 57.0049

Protanopia

64.0623, 67.7226, 55.0427

Deuteranopia

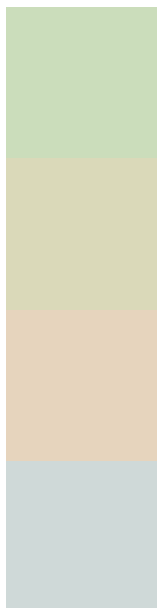
69.2633, 67.7558, 58.1428



Tritanopia

65.4443, 68.1287, 86.0448

Trichromacy



Original Color

59.4547, 67.9973, 57.0049

Protanomaly

62.4833, 68.0339, 55.7376

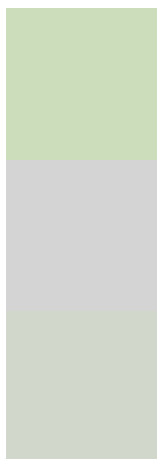
Deuteranomaly

65.3619, 67.5841, 57.7442

Tritanomaly

62.9397, 67.8490, 74.7446

Monochromacy



Original Color

59.4547, 67.9973, 57.0049

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.3744, 66.4680, 66.0947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4547, 67.9973, 57.0049 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(203, 221, 187)` looks like.

```
.text, #text, p{  
    color:rgb(203, 221, 187)  
}
```

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(203, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 221, 187) }
```

Border

The CSS property to change the border of an element to XYZ 59.4547, 67.9973, 57.0049 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(203, 221, 187) }
```


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

```
.border{ border-color:rgb(203, 221, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 221, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 221, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 221, 187); box-shadow:4px 4px 4px 4px rgb(203, 221, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4547, 67.9973, 57.0049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 221, 187) }
```

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

```
.background{ background-color: rgb(203,  
221, 187) }
```

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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