

Converting Colors

XYZ(57.9414, 69.2800, 59.1246)

Have a look what the booklet for
XYZ(57.9414, 69.2800, 59.1246)
contains.

XYZ(57.7258, 69.0576, 59.0022)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.7258, 69.0576,
59.0022)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE2BE
RGB	190, 226, 190
RGB Percent	75%, 89%, 75%
CMY	0.2549, 0.1137, 0.2549
CMYK	0.16, 0.00, 0.16, 0.11
HSL	120°, 38%, 82%
HSV	120°, 16%, 89%
XYZ	57.7258, 69.0576, 59.0022
YIQ	211.1320, -9.9000, -18.8280

Conversions

Conversions Part 2

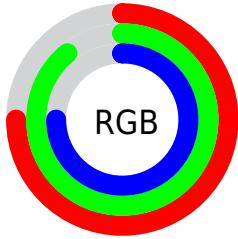
Format	Color
RYB	190, 226, 226
Decimal	12509886
CIELab	86.53, -18.52, 13.73
CIELCh	87, 23.053, 143.459
Yxy	69.0576, 0.3107, 0.3717
Android (android.graphics.Color)	4290699966 (0xFFBEE2BE)
YUV	211.1320, -10.4181, -18.5328
Hunter-Lab	83.1009, -21.4321, 16.0743

Details

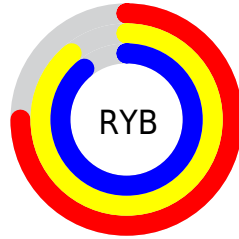
The XYZ color **57.7258, 69.0576, 59.0022** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.5073, 58.4881, 79.8967**, and the grayscale version is **62.0770, 65.3099, 71.1224**.

A 20% lighter version of the original color is **90.7523, 97.9480, 101.3115**, and **29.2316, 36.1662, 29.1070** is the 20% darker color. If you saturate the color by 10%, you get **50.2311, 65.4596, 46.7418**, and if you desaturate by 10%, it is **66.4826, 73.2660, 73.3239**.

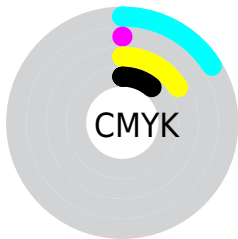
Distribution



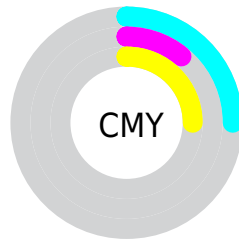
- Red (75%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7258, 69.0576, 59.0022 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 57.7258, 69.0576, 59.0022 by changing the saturation by 10% instead.

■ 57.7258, 69.0576,
59.0022

■ 57.7258, 69.0576,
59.0022

406.1338,
457.2341, 438.6122

■ 41.8307, 50.7586,
42.1949

■ 100.6487,
117.8638, 104.9100

■ 29.1592, 36.0165,
28.9272

128.4072,
149.1399, 134.8476

■ 19.3462, 24.4470,
18.7806

160.8508,
185.5104, 169.9990

■ 12.0262, 15.6655,
11.3367

198.3450,
227.3598, 210.7827

■ 6.8338, 9.2878,
6.1768

241.2550,
275.0725, 257.6174

■ 3.4038, 4.9294,
2.8823

289.9462,

■ 1.3707, 2.2059,

329.0328, 310.9215

1.0349

344.7840,
389.6252, 371.1136

■ 0.2352, 0.7232,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7258, 69.0576,
59.0022

■ 57.7258, 69.0576,
59.0022

■ 50.2311, 65.4596,
46.7418

■ 66.4826, 73.2660,
73.3239

■ 43.9351, 62.4353,
36.4436

■ 76.5500, 78.1019,
89.7908

■ 38.7774, 59.9578,
28.0073

■ 86.4877, 82.8755,
106.0459

■ 34.6900, 57.9944,
21.3215

■ 31.5978, 56.5090,
16.2635

■ 29.4158, 55.4609,
12.6944

■ 28.0452, 54.8025,
10.4523

■ 27.3633, 54.4750,
9.3368

■ 27.1978, 54.3955,
9.0661

Harmonies

Analogous

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



61.6325, 69.0576, 51.3063



57.7258, 69.0576, 59.0022



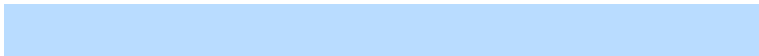
55.9523, 69.0576, 71.8907

Triad

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



57.7258, 69.0576, 59.0022



64.4741, 69.0576, 108.3669



75.5177, 69.0576, 64.0788

Complementary

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



57.7258, 69.0576, 59.0022



63.5073, 58.4881, 79.8967

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.



76.3797, 69.0576, 78.5929



57.7258, 69.0576, 59.0022



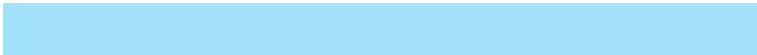
69.8117, 69.0576, 105.5340

Square

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



57.7258, 69.0576, 59.0022



59.7096, 69.0576, 101.3889



74.2403, 69.0576, 94.1015



71.9446, 69.0576, 53.9475

Rectangle

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



57.7258, 69.0576, 59.0022



56.1460, 69.0576, 82.2487



74.2403, 69.0576, 94.1015



76.1418, 69.0576, 68.5509

Sweetspot

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



57.7277, 69.0605, 59.0037



88.5285, 96.8674, 98.2330



67.8577, 74.2828, 59.4773



18.7601, 20.6430, 20.7174



0.0000, 0.0000, 0.0000



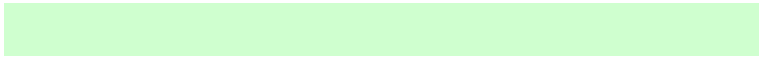
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7277, 69.0605, 59.0037



72.5742, 89.2037, 72.1372



59.8187, 69.8970, 70.0152



13.5288, 15.3373, 14.5542



15.5156, 31.0311, 5.1720



1.0755, 2.1509, 0.3585

Inverse Universe

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



63.5073, 58.4881, 79.8967



81.4938, 72.8878, 104.3803



61.1648, 57.5511, 67.5612



14.2951, 13.9357, 17.3240



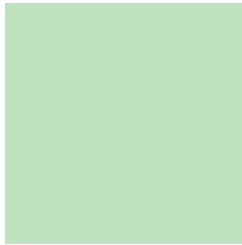
25.7243, 12.3567, 42.0755



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 57.7258, 69.0576, 59.0022 looks on a white background.

Color Contrast Check

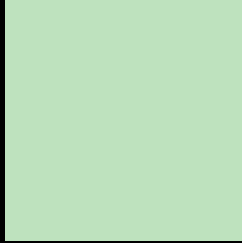
Large Text (above 18pt) WCAG AA × Fail

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 57.7258, 69.0576, 59.0022 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

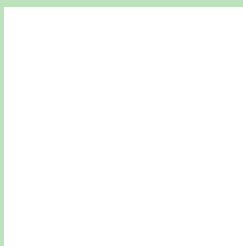
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7258, 69.0576, 59.0022

Background



This preview shows how black text looks on a background with the XYZ color 57.7258, 69.0576, 59.0022.

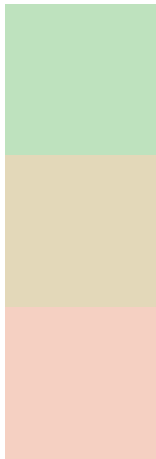


This preview shows how white text looks on a background with the XYZ color 57.7258, 69.0576,

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

57.7258, 69.0576, 59.0022

Protanopia

64.9914, 68.9454, 55.7813

Deuteranopia

69.9497, 68.4193, 60.5584



Tritanopia

63.9063, 68.7832, 90.0290

Trichromacy



Original Color

57.7258, 69.0576, 59.0022

Protanomaly

62.2944, 69.0704, 57.0624

Deuteranomaly

64.9774, 68.4587, 60.2412

Tritanomaly

61.5452, 69.0120, 77.7870

Monochromacy



Original Color

57.7258, 69.0576, 59.0022

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

59.9640, 66.1200, 66.1019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7258, 69.0576, 59.0022 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(190, 226, 190)` looks like.

```
.text, #text, p{  
    color:rgb(190, 226, 190)  
}
```

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(190, 226, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 226, 190) }
```

Border

The CSS property to change the border of an element to XYZ 57.7258, 69.0576, 59.0022 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(190, 226, 190) }
```


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

```
.border{ border-color:rgb(190, 226, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 226, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 226, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 226, 190);  
box-shadow:4px 4px 4px 4px rgb(190, 226,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7258, 69.0576, 59.0022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 226, 190) }
```

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

```
.background{ background-color: rgb(190,  
226, 190) }
```

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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