

Converting Colors

XYZ(57.9979, 69.6920, 54.1380)

Have a look what the booklet for
XYZ(57.9979, 69.6920, 54.1380)
contains.

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Color

**XYZ(58.0577, 69.7437,
54.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E3B5
RGB	194, 227, 181
RGB Percent	76%, 89%, 71%
CMY	0.2392, 0.1098, 0.2902
CMYK	0.15, 0.00, 0.20, 0.11
HSL	103°, 45%, 80%
HSV	103°, 20%, 89%
XYZ	58.0577, 69.7437, 54.1180
YIQ	211.8890, -4.9020, -21.3020

Conversions

Conversions Part 2

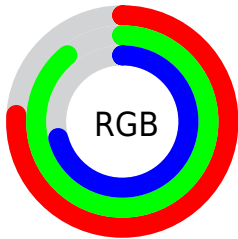
Format	Color
RYB	181, 227, 214
Decimal	12772277
CIELab	86.87, -19.17, 18.94
CIElCh	87, 26.948, 135.349
Yxy	69.7437, 0.3191, 0.3834
Android (android.graphics.Color)	4290962357 (0xFFC2E3B5)
YUV	211.8890, -15.2283, -15.6887
Hunter-Lab	83.5127, -22.0547, 20.0377

Details

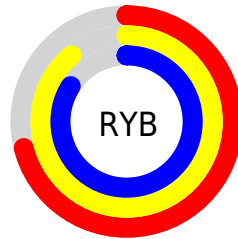
The XYZ color **58.0577, 69.7437, 54.1180** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.1235, 52.8920, 79.8225**, and the grayscale version is **62.6074, 65.8679, 71.7301**.

A 20% lighter version of the original color is **90.8297, 98.1437, 94.2771**, and **29.4640, 36.6390, 25.9412** is the 20% darker color. If you saturate the color by 10%, you get **51.9628, 66.8513, 42.6488**, and if you desaturate by 10%, it is **64.9941, 73.0301, 67.6105**.

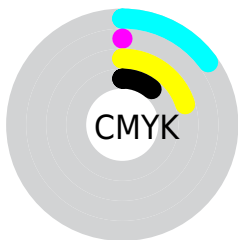
Distribution



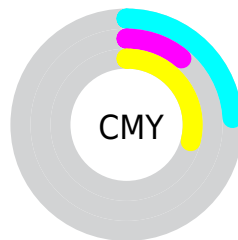
- Red (76%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0577, 69.7437, 54.1180 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 58.0577, 69.7437, 54.1180 by changing the saturation by 10% instead.


 58.0577, 69.7437,
54.1180

 58.0577, 69.7437,
54.1180

407.3513,
459.6496, 419.7472

 42.0985, 51.3176,
38.3022


 101.1294,
118.8432, 97.7056

 29.3699, 36.4614,
25.9137


128.9725,
150.2854, 126.3145

 19.5065, 24.7908,
16.5339


161.5077,
186.8350, 160.0249

 12.1430, 15.9213,
9.7443

199.1002,
228.8766, 199.2552

 6.9140, 9.4684,
5.1264

242.1155,
276.7944, 244.4241

 3.4542, 5.0480,
2.2616

290.9189,

 1.3983, 2.2754,

330.9730, 295.9500

0.7096

345.8757,
391.7965, 354.2515

■ 0.2550, 0.7607,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0577, 69.7437,
54.1180

■ 58.0577, 69.7437,
54.1180

■ 51.9628, 66.8513,
42.6488

■ 64.9941, 73.0301,
67.6105

■ 46.6706, 64.3289,
33.1011

■ 72.7974, 76.7157,
83.2126

■ 42.1477, 62.1637,
25.3708

■ 81.4991, 80.8166,
101.0109

■ 38.3560, 60.3385,
19.3425

■ 86.7605, 83.4210,
106.1368

■ 35.2536, 58.8345,
14.8872

■ 32.7941, 57.6311,
11.8579

■ 30.9244, 56.7047,
10.0793

■ 29.5942, 56.0358,
9.2562

Harmonies

Analogous

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



63.1414, 69.7437, 47.2118



58.0577, 69.7437, 54.1180



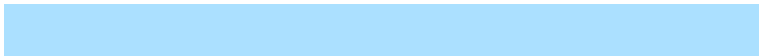
55.2703, 69.7437, 67.5161

Triad

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



58.0577, 69.7437, 54.1180



63.2790, 69.7437, 114.5908



78.6407, 69.7437, 67.1406

Complementary

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



58.0577, 69.7437, 54.1180



58.1235, 52.8920, 79.8225

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.



78.6833, 69.7437, 85.0349



58.0577, 69.7437, 54.1180



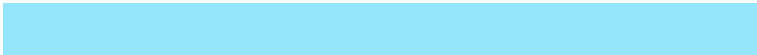
69.5401, 69.7437, 114.4474

Square

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



58.0577, 69.7437, 54.1180



58.1529, 69.7437, 103.3204



75.2643, 69.7437, 102.9551



75.1512, 69.7437, 53.8807

Rectangle

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



58.0577, 69.7437, 54.1180



54.9693, 69.7437, 79.2115



75.2643, 69.7437, 102.9551



79.0655, 69.7437, 72.7580

Sweetspot

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



58.0596, 69.7467, 54.1195



88.7599, 97.0307, 96.2553



64.0601, 67.7464, 53.4172



18.8572, 20.7019, 20.3212



0.0000, 0.0000, 0.0000



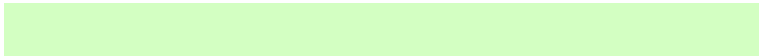
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0596, 69.7467, 54.1195



72.3658, 89.2687, 64.3377



55.9276, 68.5252, 59.5515



14.5698, 16.2853, 15.2799



17.3572, 32.7294, 5.4026



1.3714, 2.4643, 0.4034

Inverse Universe

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



58.1235, 52.8920, 79.8225



72.4589, 63.8411, 103.1113



60.7337, 54.3920, 72.9691



14.5774, 14.3999, 18.1555



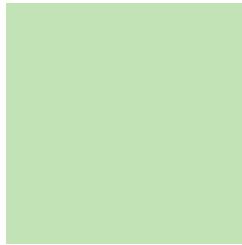
16.9976, 7.8285, 42.9983



1.3458, 0.6248, 3.1816

Previews

White Background



This preview shows how the XYZ color 58.0577, 69.7437, 54.1180 looks on a white background.

Color Contrast Check

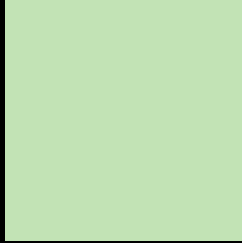
Large Text (above 18pt) WCAG AA × Fail

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 58.0577, 69.7437, 54.1180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

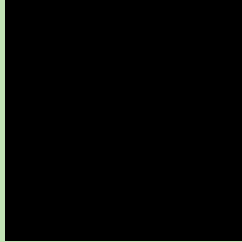
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0577, 69.7437, 54.1180

Background



This preview shows how black text looks on a background with the XYZ color 58.0577, 69.7437, 54.1180.

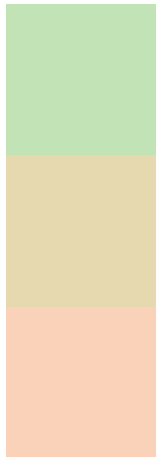


This preview shows how white text looks on a background with the XYZ color 58.0577, 69.7437,

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

58.0577, 69.7437, 54.1180

Protanopia

65.2825, 69.5833, 51.0645

Deuteranopia

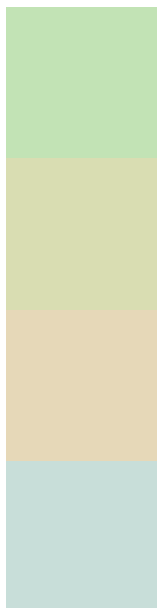
70.9818, 69.4277, 55.5587



Tritanopia

65.2462, 69.4740, 90.0917

Trichromacy



Original Color

58.0577, 69.7437, 54.1180

Protanomaly

62.5076, 69.6790, 52.2744

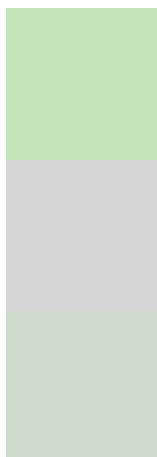
Deuteranomaly

65.8407, 69.3954, 55.2719

Tritanomaly

62.4651, 69.5317, 75.7743

Monochromacy



Original Color

58.0577, 69.7437, 54.1180

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.5323, 66.8219, 64.9659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0577, 69.7437, 54.1180 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(194, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(194, 227, 181)  
}
```

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(194, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 227, 181) }
```

Border

The CSS property to change the border of an element to XYZ 58.0577, 69.7437, 54.1180 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(194, 227, 181) }
```


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

```
.border{ border-color:rgb(194, 227, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 227, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 227, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 227, 181); box-shadow:4px 4px 4px 4px rgb(194, 227, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0577, 69.7437, 54.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 227, 181) }
```

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

```
.background{ background-color: rgb(194,  
227, 181) }
```

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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