

Converting Colors

XYZ(58.7262, 77.8297, 53.5267)

Have a look what the booklet for
XYZ(58.7262, 77.8297, 53.5267)
contains.

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Color

**XYZ(58.7197, 77.8263,
53.5221)**

Conversions

Conversions Part 1

Format	Color
Hex	B1F5B1
RGB	177, 245, 177
RGB Percent	69%, 96%, 69%
CMY	0.3059, 0.0392, 0.3059
CMYK	0.28, 0.00, 0.28, 0.04
HSL	120°, 77%, 83%
HSV	120°, 28%, 96%
XYZ	58.7197, 77.8263, 53.5221
YIQ	216.9160, -18.7000, -35.5640

Conversions

Conversions Part 2

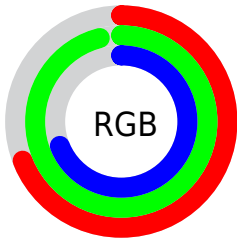
Format	Color
RYB	177, 245, 245
Decimal	11662769
CIELab	90.70, -34.07, 26.13
CIElCh	91, 42.934, 142.520
Yxy	77.8263, 0.3089, 0.4095
Android (android.graphics.Color)	4289852849 (0xFFB1F5B1)
YUV	216.9160, -19.6786, -35.0063
Hunter-Lab	88.2192, -35.5720, 25.7825

Details

The XYZ color **58.7197, 77.8263, 53.5221** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.8624, 57.4510, 93.7964**, and the grayscale version is **66.0373, 69.4763, 75.6597**.

A 20% lighter version of the original color is **84.3997, 94.8956, 90.9591**, and **29.6473, 41.5593, 25.5279** is the 20% darker color. If you saturate the color by 10%, you get **51.4055, 74.3152, 41.5568**, and if you desaturate by 10%, it is **67.4783, 82.0358, 67.8467**.

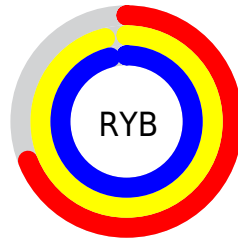
Distribution



Red (69%)

Green (96%)

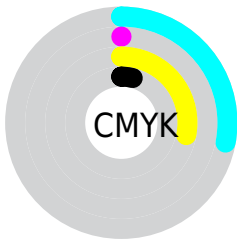
Blue (69%)



Red (69%)

Yellow (96%)

Blue (96%)

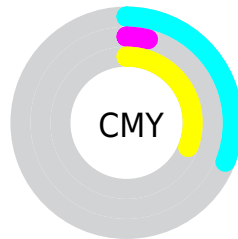


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (4%)



Cyan (31%)


Magenta (4%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7197, 77.8263, 53.5221 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 58.7197, 77.8263, 53.5221 by changing the saturation by 10% instead.


 58.7197, 77.8263,
53.5221

 58.7197, 77.8263,
53.5221


409.7731,
487.5767, 417.4080

 42.6330, 57.9313,
37.8291


 102.0871,
130.3052, 96.8215

 29.7906, 41.7534,
25.5493


130.0986,
163.6580, 125.2650

 19.8269, 28.9083,
16.2640


162.8157,
202.2654, 158.7959

 12.3768, 19.0114,
9.5548

200.6038,
246.5119, 197.8325

 7.0749, 11.6785,
5.0031

243.8282,
296.7819, 242.7935

 3.5557, 6.5252,
2.1903


292.8543,


 1.4540, 3.1670,


353.4597, 294.0974


0.6688


348.0475,
416.9299, 352.1627

 0.2942, 1.2195,
0.0000

 0.0000, 0.0776,
0.0000


 58.7197, 77.8263,
53.5221


 58.7197, 77.8263,
53.5221


 51.4055, 74.3152,
41.5568


 67.4783, 82.0358,
67.8467


 45.4525, 71.4557,
31.8195

 77.7465, 86.9682,
84.6422

 40.7784, 69.2105,
24.1742

 89.5930, 92.6586,
104.0191

 37.2897, 67.5347,
18.4676

 91.9440, 93.7879,
107.8647

■ 34.8799, 66.3771,
14.5258

■ 33.4237, 65.6777,
12.1439

■ 32.7529, 65.3555,
11.0466

■ 32.6540, 65.3079,
10.8848

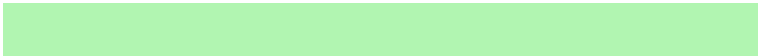
Harmonies

Analogous

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



66.3175, 77.8263, 40.9000



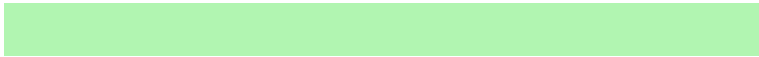
58.7197, 77.8263, 53.5221



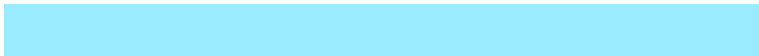
55.2741, 77.8263, 77.2480

Triad

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



58.7197, 77.8263, 53.5221



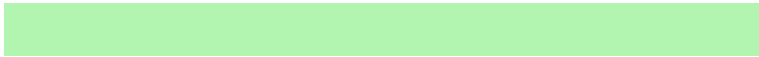
71.3072, 77.8263, 158.2263



94.8059, 77.8263, 63.9869

Complementary

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



58.7197, 77.8263, 53.5221



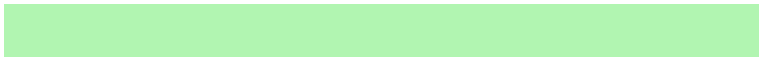
69.8624, 57.4510, 93.7964

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.



96.4713, 77.8263, 92.7006



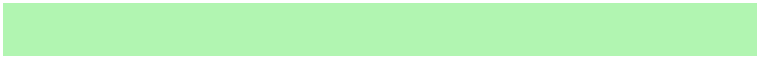
58.7197, 77.8263, 53.5221



82.1930, 77.8263, 152.2099

Square

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



58.7197, 77.8263, 53.5221



62.0684, 77.8263, 141.0795



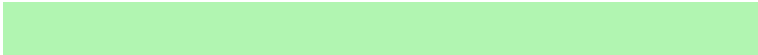
91.6592, 77.8263, 126.2107



87.3068, 77.8263, 45.8391

Rectangle

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



58.7197, 77.8263, 53.5221



55.5349, 77.8263, 98.2624



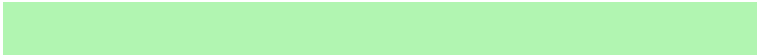
91.6592, 77.8263, 126.2107



96.0943, 77.8263, 72.5181

Sweetspot

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



58.7217, 77.8296, 53.5238



84.8267, 95.0892, 92.1781



78.2479, 87.8957, 54.4370



17.7717, 20.1682, 19.1006



0.0000, 0.0000, 0.0000



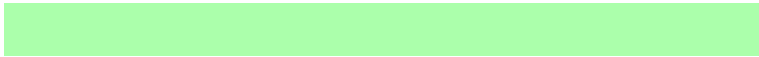
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7217, 77.8296, 53.5238



59.8585, 83.0957, 51.3381



62.5440, 79.3585, 73.6514



16.2823, 18.4721, 17.5049



17.5905, 35.1811, 5.8636



1.5460, 3.0921, 0.5154

Inverse Universe

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



69.8624, 57.4510, 93.7964



73.8244, 57.5491, 101.8237



65.1386, 55.5614, 68.9213



17.2137, 16.7683, 20.8719



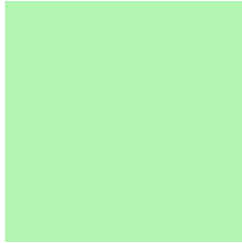
29.1647, 14.0093, 47.7032



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 58.7197, 77.8263, 53.5221 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 58.7197, 77.8263, 53.5221 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 58.7197, 77.8263, 53.5221

Background



This preview shows how black text looks on a background with the XYZ color 58.7197, 77.8263, 53.5221.

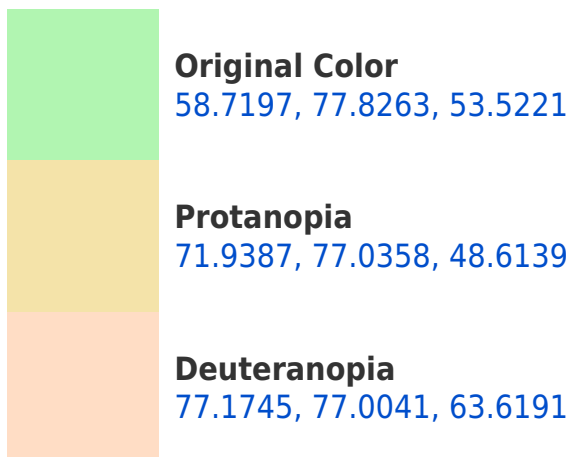


This preview shows how white text looks on a background with the XYZ color 58.7197, 77.8263,

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





Tritanopia

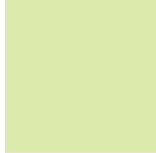
69.0836, 77.6488, 105.1126

Trichromacy



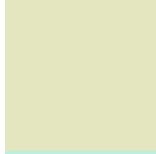
Original Color

58.7197, 77.8263, 53.5221



Protanomaly

66.3844, 77.0398, 50.4011



Deuteranomaly

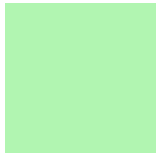
69.2696, 76.6422, 59.8577



Tritanomaly

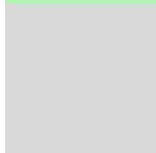
64.8437, 77.6631, 83.5244

Monochromacy



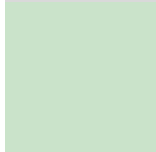
Original Color

58.7197, 77.8263, 53.5221



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.4869, 71.7590, 66.4346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7197, 77.8263, 53.5221 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(177, 245, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 245, 177)  
}
```

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(177, 245, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 245, 177) }
```

Border

The CSS property to change the border of an element to XYZ 58.7197, 77.8263, 53.5221 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(177, 245, 177) }
```


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

```
.border{ border-color:rgb(177, 245, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 245, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 245, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 245, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 245,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7197, 77.8263, 53.5221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 245, 177) }
```

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

```
.background{ background-color: rgb(177,  
245, 177) }
```

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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