

Converting Colors

XYZ(58.6466, 77.3407, 53.4322)

Have a look what the booklet for
XYZ(58.6466, 77.3407, 53.4322)
contains.

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Color

**XYZ(58.6466, 77.3407,
53.4322)**

Conversions

Conversions Part 1

Format	Color
Hex	B2F4B1
RGB	178, 244, 177
RGB Percent	70%, 96%, 69%
CMY	0.3020, 0.0431, 0.3059
CMYK	0.27, 0.00, 0.27, 0.04
HSL	119°, 75%, 83%
HSV	119°, 27%, 96%
XYZ	58.6466, 77.3407, 53.4322
YIQ	216.6280, -17.8290, -34.8290

Conversions

Conversions Part 2

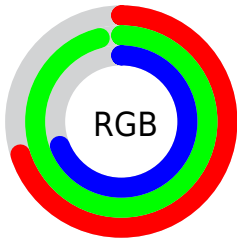
Format	Color
RYB	177, 244, 243
Decimal	11728049
CIELab	90.48, -33.29, 25.83
CIElCh	90, 42.135, 142.191
Yxy	77.3407, 0.3096, 0.4083
Android (android.graphics.Color)	4289918129 (0xFFB2F4B1)
YUV	216.6280, -19.5366, -33.8768
Hunter-Lab	87.9436, -34.8656, 25.5374

Details

The XYZ color **58.6466, 77.3407, 53.4322** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.0168, 57.0329, 92.9629**, and the grayscale version is **65.8386, 69.2673, 75.4321**.

A 20% lighter version of the original color is **84.7289, 95.0654, 90.9746**, and **29.7206, 41.2810, 25.4704** is the 20% darker color. If you saturate the color by 10%, you get **51.3888, 73.8578, 41.5123**, and if you desaturate by 10%, it is **67.3097, 81.5023, 67.6910**.

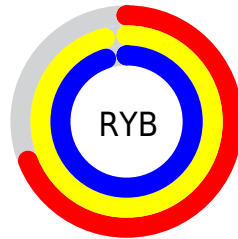
Distribution



Red (70%)

Green (96%)

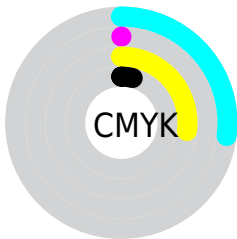
Blue (69%)



Red (69%)

Yellow (96%)

Blue (95%)

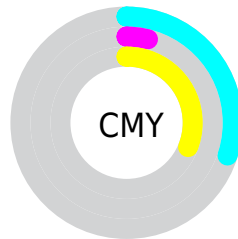


Cyan (27%)

Magenta (0%)

Yellow (27%)

Black (4%)



Cyan (30%)


Magenta (4%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6466, 77.3407, 53.4322 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 58.6466, 77.3407, 53.4322 by changing the saturation by 10% instead.


 58.6466, 77.3407,
53.4322

 58.6466, 77.3407,
53.4322


409.5061,
485.9249, 417.0543

 42.5740, 57.5325,
37.7578


 101.9814,
129.6203, 96.6880

 29.7441, 41.4330,
25.4944


129.9743,
162.8605, 125.1066

 19.7915, 28.6575,
16.2234

162.6714,
201.3469, 158.6102

 12.3510, 18.8219,
9.5263

200.4379,
245.4638, 197.6175

 7.0571, 11.5417,
4.9846

243.6393,
295.5957, 242.5471

 3.5445, 6.4324,
2.1796


292.6409,


 1.4478, 3.1098,


352.1269, 293.8174


0.6626


347.8081,
415.4418, 351.8469


 0.2899, 1.1893,
0.0000


 0.0000, 0.0529,
0.0000


 58.6466, 77.3407,
53.4322

 58.6466, 77.3407,
53.4322


 51.3888, 73.8578,
41.5123


 67.3097, 81.5023,
67.6910


 45.4566, 71.0084,
31.8018

 77.4401, 86.3655,
84.3987

 40.7717, 68.7574,
24.1663

 89.1038, 91.9639,
103.6646

 37.2451, 67.0621,
18.4550

 91.6422, 93.1845,
107.7641

■ 34.7761, 65.8744,
14.4965

■ 33.2468, 65.1376,
12.0893

■ 32.5082, 64.7809,
10.9686

■ 32.3978, 64.7279,
10.7862

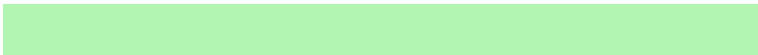
Harmonies

Analogous

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



66.1252, 77.3407, 41.1240



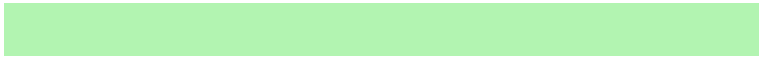
58.6466, 77.3407, 53.4322



55.2208, 77.3407, 76.5759

Triad

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



58.6466, 77.3407, 53.4322



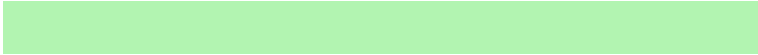
70.7934, 77.3407, 155.7086



93.8951, 77.3407, 64.1544

Complementary

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



58.6466, 77.3407, 53.4322



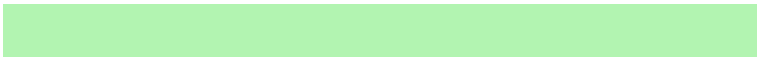
69.0168, 57.0329, 92.9629

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.



95.4480, 77.3407, 92.3372



58.6466, 77.3407, 53.4322



81.4251, 77.3407, 150.1169

Square

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



58.6466, 77.3407, 53.4322



61.7840, 77.3407, 138.8298



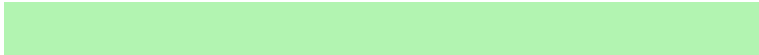
90.6938, 77.3407, 124.9920



86.6330, 77.3407, 46.2055

Rectangle

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



58.6466, 77.3407, 53.4322



55.4433, 77.3407, 97.0584



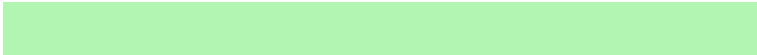
90.6938, 77.3407, 124.9920



95.1284, 77.3407, 72.5503

Sweetspot

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



58.6486, 77.3440, 53.4339



84.9270, 95.1409, 92.1825



77.2632, 86.4428, 54.2091



17.7966, 20.1811, 19.1017



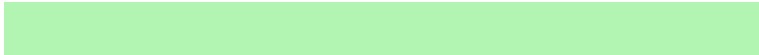
0.0000, 0.0000, 0.0000



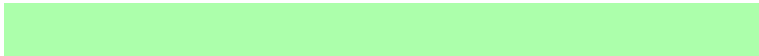
20.3446, 21.4041, 23.3091

Same Dimension

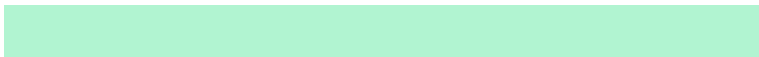
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.6486, 77.3440, 53.4339



60.1326, 83.2370, 51.3502



62.0408, 78.6745, 72.4889



16.3051, 18.4838, 17.5059



17.6253, 35.1990, 5.8651



1.5570, 3.0977, 0.5159

Inverse Universe

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



69.0168, 57.0329, 92.9629



73.3645, 57.3120, 101.8033



64.8684, 55.4135, 69.3135



17.1878, 16.7550, 20.8707



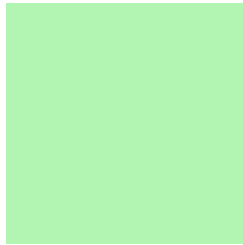
28.4966, 13.6649, 47.6737



2.5123, 1.2050, 4.1904

Previews

White Background



This preview shows how the XYZ color 58.6466, 77.3407, 53.4322 looks on a white background.

Color Contrast Check

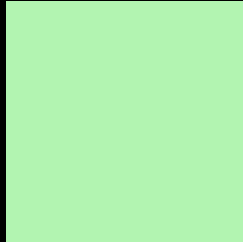
Large Text (above 18pt) WCAG AA × Fail

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 58.6466, 77.3407, 53.4322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

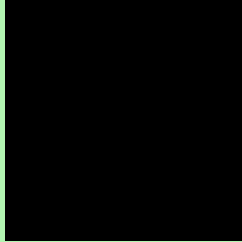
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6466, 77.3407, 53.4322

Background



This preview shows how black text looks on a background with the XYZ color 58.6466, 77.3407, 53.4322.



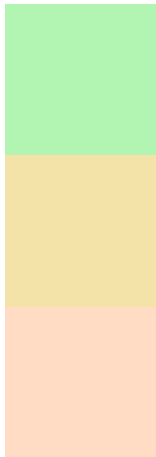
This preview shows how white text looks on a background with the XYZ color 58.6466, 77.3407,

53.4322.

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

58.6466, 77.3407, 53.4322

Protanopia

71.5927, 76.8574, 48.5977

Deuteranopia

76.6835, 76.3865, 62.3322



Tritanopia

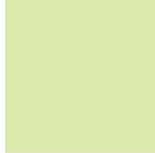
68.6383, 77.0139, 104.1760

Trichromacy



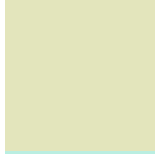
Original Color

58.6466, 77.3407, 53.4322



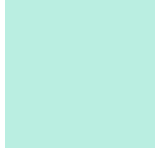
Protanomaly

65.7987, 76.3165, 50.2923



Deuteranomaly

68.7750, 76.0004, 58.6217



Tritanomaly

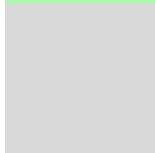
64.4148, 77.0244, 82.7063

Monochromacy



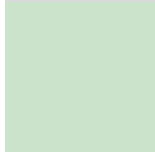
Original Color

58.6466, 77.3407, 53.4322



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.7584, 71.8989, 66.4473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6466, 77.3407, 53.4322 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(178, 244, 177)` looks like.

```
.text, #text, p{  
    color:rgb(178, 244, 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(178, 244, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 244, 177) }
```

Border

The CSS property to change the border of an element to XYZ 58.6466, 77.3407, 53.4322 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(178, 244, 177) }
```


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

```
.border{ border-color:rgb(178, 244, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 244, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 244, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 244, 177);  
box-shadow:4px 4px 4px 4px rgb(178, 244,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6466, 77.3407, 53.4322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 244, 177) }
```

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

```
.background{ background-color: rgb(178,  
244, 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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