

Converting Colors

XYZ(57.7872, 75.5616, 53.5543)

Have a look what the booklet for
XYZ(57.7872, 75.5616, 53.5543)
contains.

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Color

**XYZ(57.8513, 75.5899,
53.6607)**

Conversions

Conversions Part 1

Format	Color
Hex	B2F1B2
RGB	178, 241, 178
RGB Percent	70%, 95%, 70%
CMY	0.3020, 0.0549, 0.3020
CMYK	0.26, 0.00, 0.26, 0.05
HSL	120°, 69%, 82%
HSV	120°, 26%, 95%
XYZ	57.8513, 75.5899, 53.6607
YIQ	214.9810, -17.3250, -32.9490

Conversions

Conversions Part 2

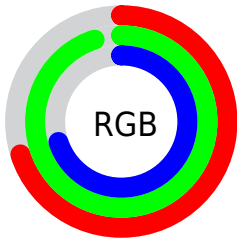
Format	Color
RYB	178, 241, 241
Decimal	11727282
CIELab	89.67, -31.73, 24.21
CIELCh	90, 39.913, 142.659
Yxy	75.5899, 0.3092, 0.4040
Android (android.graphics.Color)	4289917362 (0xFFB2F1B2)
YUV	214.9810, -18.2316, -32.4323
Hunter-Lab	86.9425, -33.3758, 24.2661

Details

The XYZ color **57.8513, 75.5899, 53.6607** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.0758, 56.8941, 90.6160**, and the grayscale version is **64.7081, 68.0779, 74.1369**.

A 20% lighter version of the original color is **84.8722, 95.1227, 91.7292**, and **29.3628, 40.4637, 25.6647** is the 20% darker color. If you saturate the color by 10%, you get **50.5889, 72.1037, 41.7802**, and if you desaturate by 10%, it is **66.5143, 79.7534, 67.8290**.

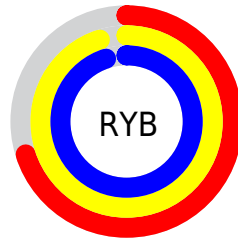
Distribution



Red (70%)

Green (95%)

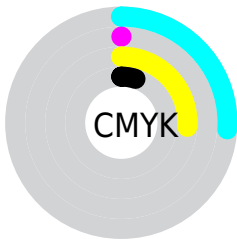
Blue (70%)



Red (70%)

Yellow (95%)

Blue (95%)

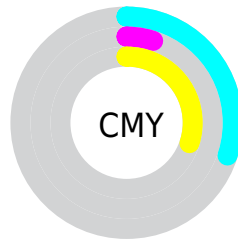


Cyan (26%)

Magenta (0%)

Yellow (26%)

Black (5%)



Cyan (30%)


Magenta (5%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8513, 75.5899, 53.6607 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 57.8513, 75.5899, 53.6607 by changing the saturation by 10% instead.


 57.8513, 75.5899,
53.6607

 57.8513, 75.5899,
53.6607


406.5944,
479.9427, 417.9528

 41.9319, 56.0963,
37.9391


 100.8305,
127.1470, 97.0273

 29.2389, 40.2801,
25.6340


128.6210,
159.9794, 125.5093

 19.4068, 27.7570,
16.3267


161.0993,
198.0267, 159.0820

 12.0703, 18.1426,
9.5988


198.6307,
241.6735, 198.1637

 6.8641, 11.0524,
5.0317

241.5805,
291.3041, 243.1732

 3.4228, 6.1021,
2.2068


290.3142,

 1.3811, 2.9073,


347.3029, 294.5288


0.6783


345.1970,
410.0543, 352.6492


 0.2427, 1.0835,
0.0000


 0.0000, 0.0000,
0.0000


 57.8513, 75.5899,
53.6607


 57.8513, 75.5899,
53.6607


 50.5889, 72.1037,
41.7802


 66.5143, 79.7534,
67.8290


 44.6481, 69.2500,
32.0628

 76.6396, 84.6171,
84.3907

 39.9510, 66.9937,
24.3799

 88.2926, 90.2147,
103.4513

 36.4096, 65.2926,
18.5871

 90.7468, 91.3935,
107.4656

■ 33.9238, 64.0985,
14.5211

■ 32.3770, 63.3555,
11.9909

■ 31.6241, 62.9939,
10.7594

■ 31.4568, 62.9135,
10.4857

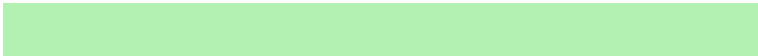
Harmonies

Analogous

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



64.8124, 75.5899, 41.7983



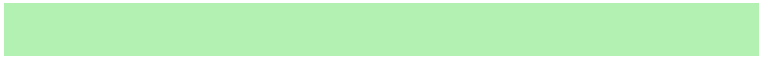
57.8513, 75.5899, 53.6607



54.6939, 75.5899, 75.5844

Triad

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



57.8513, 75.5899, 53.6607



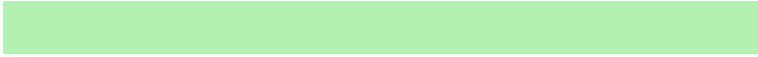
69.4595, 75.5899, 148.4559



90.7234, 75.5899, 63.1747

Complementary

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



57.8513, 75.5899, 53.6607



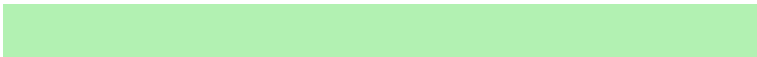
68.0758, 56.8941, 90.6160

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.



92.2542, 75.5899, 89.4116



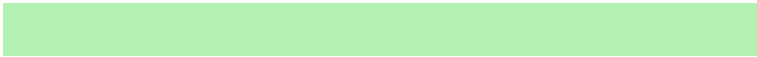
57.8513, 75.5899, 53.6607



79.3708, 75.5899, 142.9945

Square

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



57.8513, 75.5899, 53.6607



60.9875, 75.5899, 133.2363



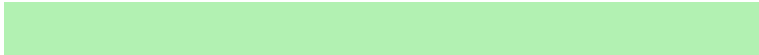
87.9330, 75.5899, 119.6684



83.9222, 75.5899, 46.3540

Rectangle

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



57.8513, 75.5899, 53.6607



54.9480, 75.5899, 94.7372



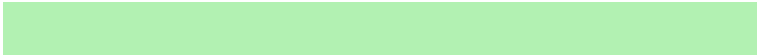
87.9330, 75.5899, 119.6684



91.8952, 75.5899, 71.0102

Sweetspot

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



57.8533, 75.5931, 53.6624



84.8267, 95.0892, 92.1780



75.7701, 84.8296, 54.5005



17.7717, 20.1682, 19.1006



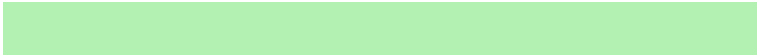
0.0000, 0.0000, 0.0000



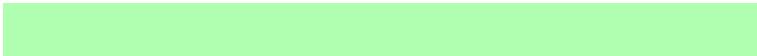
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8533, 75.5931, 53.6624



61.4848, 83.8769, 53.9981



61.3882, 77.0071, 72.2771



15.5660, 17.6564, 16.7374



17.0575, 34.1150, 5.6859



1.4190, 2.8381, 0.4730

Inverse Universe

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



68.0758, 56.8941, 90.6160



74.8054, 59.5110, 102.1510



63.7690, 55.1714, 67.9369



16.4543, 16.0314, 19.9487



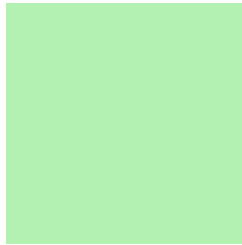
28.2811, 13.5849, 46.2582



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 57.8513, 75.5899, 53.6607 looks on a white background.

Color Contrast Check

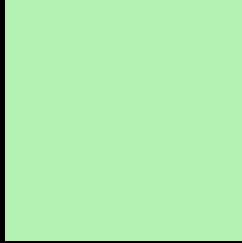
Large Text (above 18pt) WCAG AA × Fail

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 57.8513, 75.5899, 53.6607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

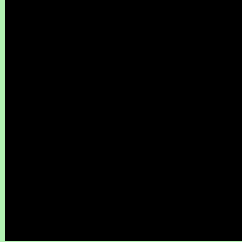
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8513, 75.5899, 53.6607

Background



This preview shows how black text looks on a background with the XYZ color 57.8513, 75.5899, 53.6607.

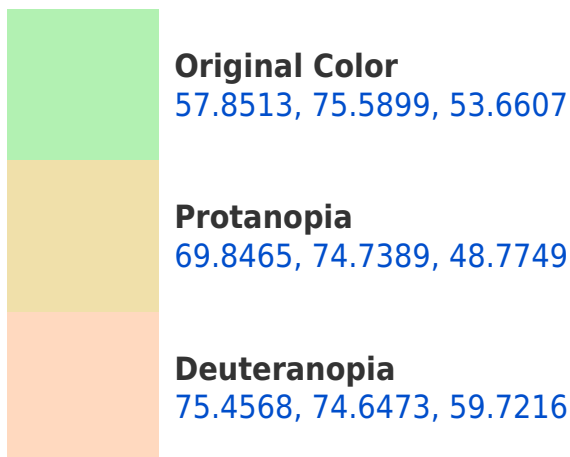


This preview shows how white text looks on a background with the XYZ color 57.8513, 75.5899, 53.6607.

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

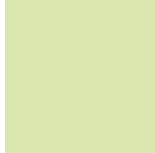
67.5978, 75.6917, 101.4897

Trichromacy



Original Color

57.8513, 75.5899, 53.6607



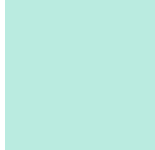
Protanomaly

64.4549, 74.3625, 50.4914



Deuteranomaly

67.7378, 74.2688, 57.2195



Tritanomaly

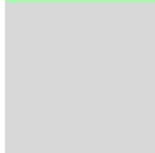
63.4126, 75.2376, 81.7011

Monochromacy



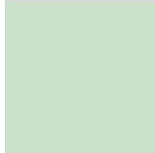
Original Color

57.8513, 75.5899, 53.6607



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.6734, 70.1321, 66.1634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8513, 75.5899, 53.6607 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, 241, 178)` looks like.

```
.text, #text, p{  
    color:rgb(178, 241, 178)  
}
```

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, 241, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 241, 178) }
```

Border

The CSS property to change the border of an element to XYZ 57.8513, 75.5899, 53.6607 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, 241, 178) }
```


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

```
.border{ border-color:rgb(178, 241, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 241, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 241, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 241, 178);  
box-shadow:4px 4px 4px 4px rgb(178, 241,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8513, 75.5899, 53.6607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 241, 178) }
```

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

```
.background{ background-color: rgb(178,  
241, 178) }
```

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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