

Converting Colors

XYZ(58.1996, 78.9193, 52.5376)

Have a look what the booklet for
XYZ(58.1996, 78.9193, 52.5376)
contains.

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Color

**XYZ(58.3185, 79.0006,
52.7324)**

Conversions

Conversions Part 1

Format	Color
Hex	ACF8AF
RGB	172, 248, 175
RGB Percent	67%, 97%, 69%
CMY	0.3255, 0.0274, 0.3137
CMYK	0.31, 0.00, 0.29, 0.03
HSL	122°, 84%, 82%
HSV	122°, 31%, 97%
XYZ	58.3185, 79.0006, 52.7324
YIQ	216.9540, -21.8630, -38.8150

Conversions

Conversions Part 2

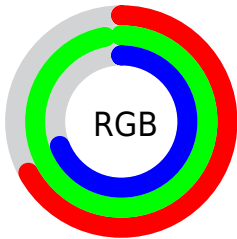
Format	Color
RYB	172, 245, 248
Decimal	11335855
CIELab	91.23, -37.34, 27.83
CIElCh	91, 46.572, 143.310
Yxy	79.0006, 0.3069, 0.4157
Android (android.graphics.Color)	4289525935 (0xFFACF8AF)
YUV	216.9540, -20.6833, -39.4247
Hunter-Lab	88.8823, -38.4244, 27.0418

Details

The XYZ color **58.3185, 79.0006, 52.7324** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **69.9479, 56.0556, 93.5223**, and the grayscale version is **66.0715, 69.5124, 75.6990**.

A 20% lighter version of the original color is **82.4969, 93.9475, 89.3869**, and **29.4798, 42.4487, 25.0520** is the 20% darker color. If you saturate the color by 10%, you get **51.2382, 75.5998, 41.2471**, and if you desaturate by 10%, it is **66.8313, 83.0968, 66.4424**.

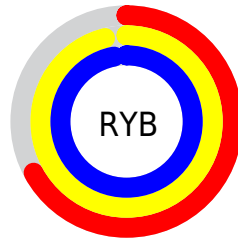
Distribution



Red (67%)

Green (97%)

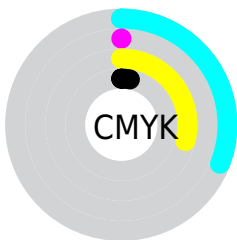
Blue (69%)



Red (67%)

Yellow (96%)

Blue (97%)

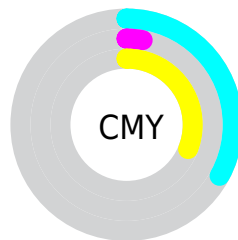


Cyan (31%)

Magenta (0%)

Yellow (29%)

Black (3%)



Cyan (33%)

Magenta (3%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3185, 79.0006, 52.7324 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 58.3185, 79.0006, 52.7324 by changing the saturation by 10% instead.

■ 58.3185, 79.0006,
52.7324

■ 58.3185, 79.0006,
52.7324

408.3064,
491.5584, 414.2947

■ 42.3090, 58.8963,
37.2029

■ 101.5068,
131.9597, 95.6480

■ 29.5355, 42.5296,
25.0676

129.4164,
165.5833, 123.8713

■ 19.6326, 29.5162,
15.9080

162.0233,
204.4821, 157.1629

■ 12.2350, 19.4717,
9.3054

199.6930,
249.0406, 195.9413

■ 6.9772, 12.0116,
4.8414

242.7908,
299.6430, 240.6252

■ 3.4941, 6.7516,
2.0974


291.6821,


■ 1.4201, 3.3072,


356.6739, 291.6330


0.6142


346.7322,
420.5175, 349.3834


 0.2705, 1.2942,
0.0000


 0.0000, 0.1367,
0.0000


 58.3185, 79.0006,
52.7324


 58.3185, 79.0006,
52.7324


 51.2382, 75.5998,
41.2471


 66.8313, 83.0968,
66.4424


 45.5061, 72.8465,
31.8643

 76.8428, 87.9133,
82.4801

 41.0382, 70.7025,
24.4583

 88.4225, 93.4861,
100.9484

 37.7390, 69.1216,
18.8876

 92.8590, 95.6179,
108.1697

■ 35.4991, 68.0508,
14.9923

■ 34.1886, 67.4271,
12.5847

■ 33.6226, 67.1594,
11.4722

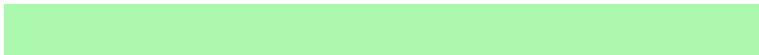
Harmonies

Analogous

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



66.4598, 79.0006, 39.0667



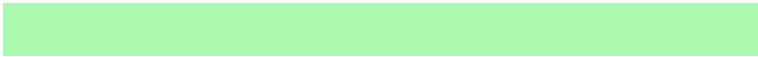
58.3185, 79.0006, 52.7324



54.7260, 79.0006, 78.6656

Triad

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



58.3185, 79.0006, 52.7324



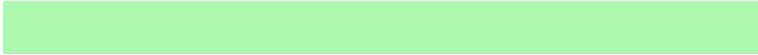
72.4745, 79.0006, 168.0756



97.9202, 79.0006, 62.7753

Complementary

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



58.3185, 79.0006, 52.7324



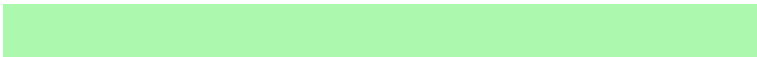
69.9479, 56.0556, 93.5223

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.



99.9610, 79.0006, 93.8153



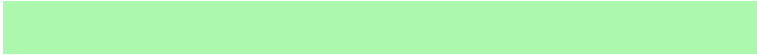
58.3185, 79.0006, 52.7324



84.4317, 79.0006, 160.5890

Square

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



58.3185, 79.0006, 52.7324



62.3267, 79.0006, 149.3790



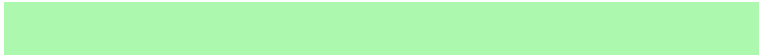
94.7978, 79.0006, 130.9944



89.4815, 79.0006, 43.7140

Rectangle

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



58.3185, 79.0006, 52.7324



55.0954, 79.0006, 101.8674



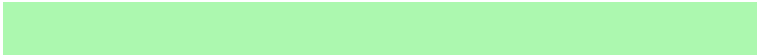
94.7978, 79.0006, 130.9944



99.4113, 79.0006, 71.9046

Sweetspot

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



58.3206, 79.0039, 52.7342



83.7567, 94.5649, 90.8964



78.8364, 89.6139, 52.1724



17.5643, 20.0661, 18.8756



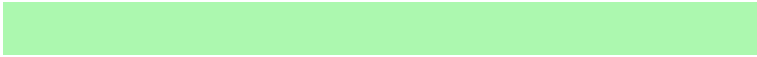
0.0000, 0.0000, 0.0000



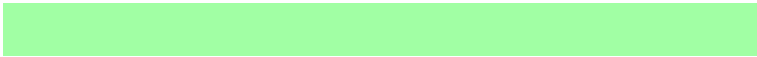
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3206, 79.0039, 52.7342



57.1223, 81.7547, 48.0697



62.5339, 80.6893, 74.9215



17.0452, 19.3203, 18.4384



18.1740, 36.2826, 6.2594



1.6927, 3.3642, 0.6295

Inverse Universe

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



69.9479, 56.0556, 93.5223



71.3796, 53.6099, 98.0792



64.7859, 53.9908, 66.3396



17.9617, 17.5120, 21.6540



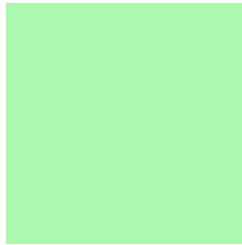
29.2779, 14.1269, 45.0334



2.7206, 1.3120, 4.2181

Previews

White Background



This preview shows how the XYZ color 58.3185, 79.0006, 52.7324 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 58.3185, 79.0006, 52.7324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

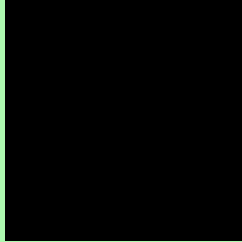
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3185, 79.0006, 52.7324

Background



This preview shows how black text looks on a background with the XYZ color 58.3185, 79.0006, 52.7324.

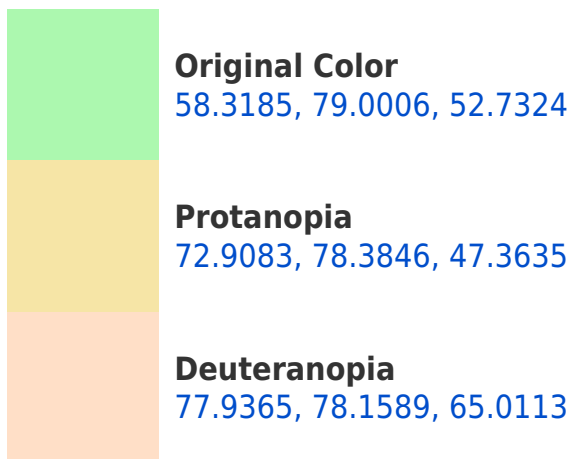


This preview shows how white text looks on a background with the XYZ color 58.3185, 79.0006,

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

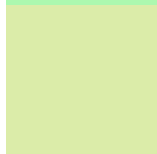
69.5694, 78.7355, 106.1385

Trichromacy



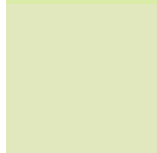
Original Color

58.3185, 79.0006, 52.7324



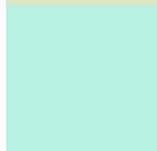
Protanomaly

66.3703, 77.9155, 49.0772



Deuteranomaly

69.2022, 77.4385, 60.0150



Tritanomaly

64.7112, 78.4689, 83.6869

Monochromacy



Original Color

58.3185, 79.0006, 52.7324



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.4915, 72.1686, 66.5134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3185, 79.0006, 52.7324 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(172, 248, 175)` looks like.

```
.text, #text, p{  
    color:rgb(172, 248, 175)  
}
```

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(172, 248, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 248, 175) }
```

Border

The CSS property to change the border of an element to XYZ 58.3185, 79.0006, 52.7324 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(172, 248, 175) }
```


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

```
.border{ border-color:rgb(172, 248, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 248, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 248, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 248, 175);  
box-shadow:4px 4px 4px 4px rgb(172, 248,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3185, 79.0006, 52.7324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 248, 175) }
```

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

```
.background{ background-color: rgb(172,  
248, 175) }
```

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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