

# Converting Colors

XYZ(61.1594, 79.4435, 58.3193)

Have a look what the booklet for  
XYZ(61.1594, 79.4435, 58.3193)  
contains.

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# Color

**XYZ(61.1101, 79.4018,  
58.5596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6F6BA
RGB	182, 246, 186
RGB Percent	71%, 96%, 73%
CMY	0.2863, 0.0353, 0.2706
CMYK	0.26, 0.00, 0.24, 0.04
HSL	124°, 78%, 84%
HSV	124°, 26%, 96%
XYZ	61.1101, 79.4018, 58.5596
YIQ	220.0240, -18.8840, -32.2280

# Conversions

## Conversions Part 2

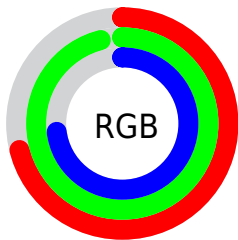
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 242, 246
Decimal	11990714
CIELab	91.42, -31.45, 22.55
CIELCh	91, 38.703, 144.356
Yxy	79.4018, 0.3070, 0.3989
Android (android.graphics.Color)	4290180794 (0xFFB6F6BA)
YUV	220.0240, -16.7738, -33.3470
Hunter-Lab	89.1077, -33.5231, 23.4113

# Details

The XYZ color **61.1101, 79.4018, 58.5596** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.7637, 59.4612, 91.7553**, and the grayscale version is **68.1688, 71.7189, 78.1019**.

A 20% lighter version of the original color is **87.3836, 96.2815, 97.9830**, and **31.3333, 42.6778, 28.7765** is the 20% darker color. If you saturate the color by 10%, you get **53.5457, 75.7653, 46.4239**, and if you desaturate by 10%, it is **70.0950, 83.7294, 72.8307**.

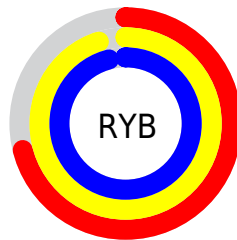
# Distribution



Red (71%)

Green (96%)

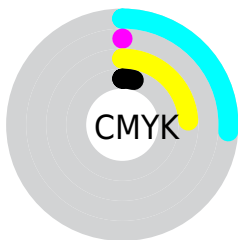
Blue (73%)



Red (71%)

Yellow (95%)

Blue (96%)

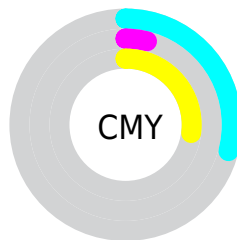


Cyan (26%)

Magenta (0%)

Yellow (24%)

Black (4%)



Cyan (29%)

Magenta (4%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1101, 79.4018, 58.5596 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 61.1101, 79.4018, 58.5596 by changing the saturation by 10% instead.



61.1101, 79.4018,  
58.5596

61.1101, 79.4018,  
58.5596

418.4470,  
492.9146, 436.9243

44.5669, 59.2262,  
41.8410

105.5355,  
132.5244, 104.2601

31.3163, 42.7953,  
28.6522

134.1485,  
166.2401, 134.0792

20.9928, 29.7245,  
18.5746

167.5154,  
205.2381, 169.1021

13.2312, 19.6296,  
11.1896

206.0017,  
249.9027, 209.7475

7.6660, 12.1261,  
6.0787

249.9726,  
300.6182, 256.4339

3.9320, 6.8296,  
2.8234

299.7936,

1.6637, 3.3558,

357.7691, 309.5798

1.0052

355.8299,  
421.7397, 369.6037

■ 0.4334, 1.3202,  
0.0000

■ 0.0000, 0.1567,  
0.0000

■ 61.1101, 79.4018,  
58.5596

■ 61.1101, 79.4018,  
58.5596

■ 53.5457, 75.7653,  
46.4239

■ 70.0950, 83.7294,  
72.8307

■ 47.3232, 72.7748,  
36.3160

■ 80.5613, 88.7707,  
89.3275

■ 42.3659, 70.3953,  
28.1271

■ 92.2473, 94.3947,  
107.9658

■ 38.5869, 68.5847,  
21.7357

■ 35.8882, 67.2954,  
17.0068

■ 34.1560, 66.4719,  
13.7861

■ 33.2508, 66.0462,  
11.8909

■ 33.0463, 65.9502,  
11.4541

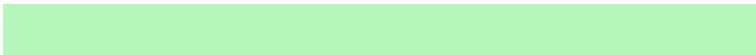
# Harmonies

## Analogous

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



67.9299, 79.4018, 45.8812



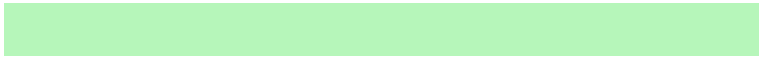
61.1101, 79.4018, 58.5596



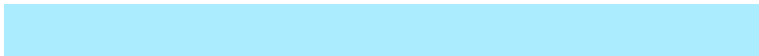
58.1584, 79.4018, 81.2333

# Triad

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



61.1101, 79.4018, 58.5596



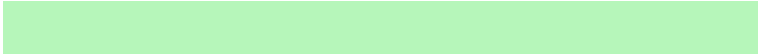
73.6230, 79.4018, 152.3892



94.0566, 79.4018, 65.9731

# Complementary

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



61.1101, 79.4018, 58.5596



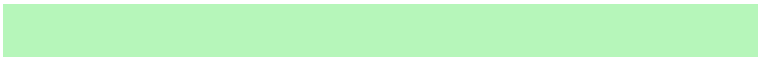
70.7637, 59.4612, 91.7553

# 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.



95.9132, 79.4018, 91.8959



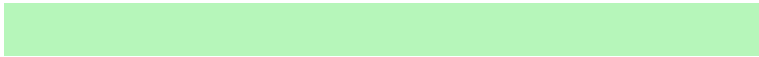
61.1101, 79.4018, 58.5596



83.5463, 79.4018, 145.8300

# Square

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



61.1101, 79.4018, 58.5596



64.9687, 79.4018, 138.4063



91.9175, 79.4018, 122.0437

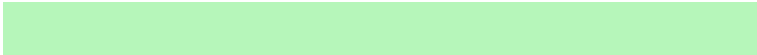


87.0439, 79.4018, 49.4647



# Rectangle

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



61.1101, 79.4018, 58.5596



58.5790, 79.4018, 100.6026



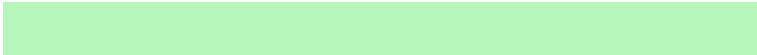
91.9175, 79.4018, 122.0437



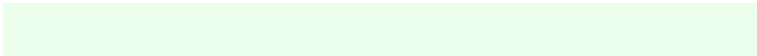
95.3286, 79.4018, 73.7002

# Sweetspot

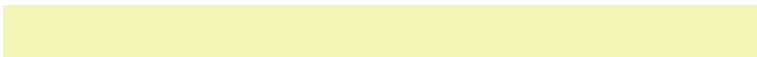
The Sweet Spot groups the original color and five complimentary colors.



61.1122, 79.4052, 58.5614



85.0112, 95.1630, 93.1496



78.2958, 88.3121, 57.1760



17.8176, 20.1866, 19.3425



0.0000, 0.0000, 0.0000

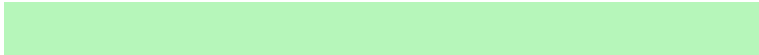


20.3446, 21.4041, 23.3091

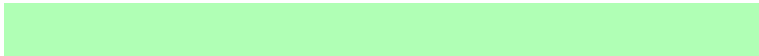


# Same Dimension

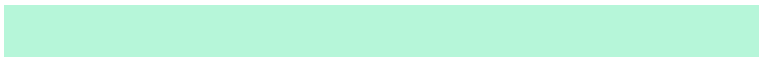
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.1122, 79.4052, 58.5614



61.9825, 84.0760, 56.6191



64.7999, 80.8802, 77.9806



16.3242, 18.4888, 17.7256



17.6547, 35.2067, 6.2014



1.5661, 3.1001, 0.6211



# Inverse Universe

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



70.7637, 59.4612, 91.7553



74.0200, 59.1969, 98.0155



66.4692, 57.7435, 69.1409



17.1663, 16.7494, 20.6222



27.9763, 13.5340, 41.4453

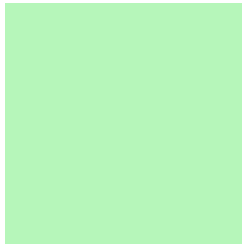


2.4722, 1.1948, 3.7127



# Previews

## White Background



This preview shows how the XYZ color 61.1101, 79.4018, 58.5596 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

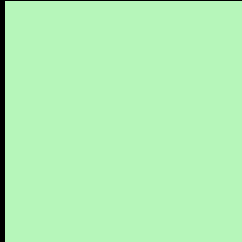
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.1101, 79.4018, 58.5596 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

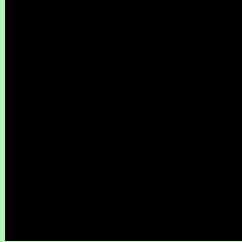
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

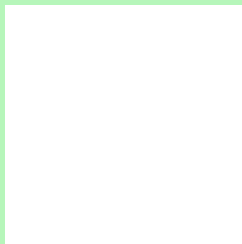
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 61.1101, 79.4018, 58.5596

## Background



This preview shows how black text looks on a background with the XYZ color 61.1101, 79.4018, 58.5596.



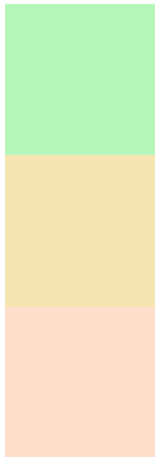
This preview shows how white text looks on a background with the XYZ color 61.1101, 79.4018,

58.5596.

# 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

61.1101, 79.4018, 58.5596

### Protanopia

73.7114, 78.6655, 53.4184

### Deuteranopia

78.5268, 78.3950, 68.1197



## Tritanopia

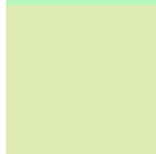
71.0991, 79.5241, 106.2101

# Trichromacy



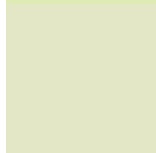
## Original Color

61.1101, 79.4018, 58.5596



## Protanomaly

68.1730, 78.2825, 55.2330



## Deuteranomaly

70.6489, 77.6770, 64.0929



## Tritanomaly

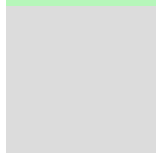
66.9289, 79.1097, 86.6051

# Monochromacy



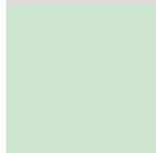
## Original Color

61.1101, 79.4018, 58.5596



## Achromatopsia

68.0267, 71.5694, 77.9390



## Achromatomaly

64.8581, 73.7145, 70.4844

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.1101, 79.4018, 58.5596 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(182, 246, 186)` looks like.

```
.text, #text, p{  
    color:rgb(182, 246, 186)  
}
```

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(182, 246, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 246, 186) }
```

## Border

The CSS property to change the border of an element to XYZ 61.1101, 79.4018, 58.5596 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(182, 246, 186) }
```



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

```
.border{ border-color:rgb(182, 246, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 246, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 246, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 246, 186);  
box-shadow:4px 4px 4px 4px rgb(182, 246,  
186) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.1101, 79.4018, 58.5596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 246, 186) }
```

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

```
.background{ background-color: rgb(182,  
246, 186) }
```

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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