

Converting Colors

XYZ(59.6012, 78.4832, 56.1888)

Have a look what the booklet for
XYZ(59.6012, 78.4832, 56.1888)
contains.

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Color

**XYZ(59.7594, 78.7539,
56.3073)**

Conversions

Conversions Part 1

Format	Color
Hex	B2F6B6
RGB	178, 246, 182
RGB Percent	70%, 96%, 71%
CMY	0.3020, 0.0353, 0.2863
CMYK	0.28, 0.00, 0.26, 0.04
HSL	124°, 79%, 83%
HSV	124°, 28%, 96%
XYZ	59.7594, 78.7539, 56.3073
YIQ	218.3720, -19.9840, -34.3200

Conversions

Conversions Part 2

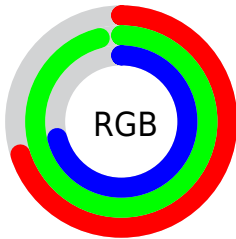
Format	Color
RYB	178, 242, 246
Decimal	11728566
CIELab	91.12, -33.39, 24.16
CIElCh	91, 41.217, 144.112
Yxy	78.7539, 0.3067, 0.4042
Android (android.graphics.Color)	4289918646 (0xFFB2F6B6)
YUV	218.3720, -17.9314, -35.4062
Hunter-Lab	88.7434, -35.0998, 24.5011

Details

The XYZ color **59.7594, 78.7539, 56.3073** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.9562, 57.8462, 91.4862**, and the grayscale version is **67.0289, 70.5196, 76.7959**.

A 20% lighter version of the original color is **85.4536, 95.3552, 94.7904**, and **30.3284, 42.1911, 27.3141** is the 20% darker color. If you saturate the color by 10%, you get **52.4149, 75.2239, 44.4893**, and if you desaturate by 10%, it is **68.5159, 82.9706, 70.2598**.

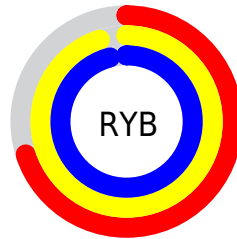
Distribution



Red (70%)

Green (96%)

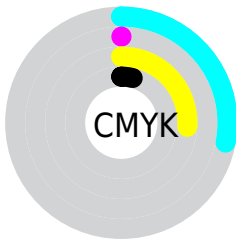
Blue (71%)



Red (70%)

Yellow (95%)

Blue (96%)

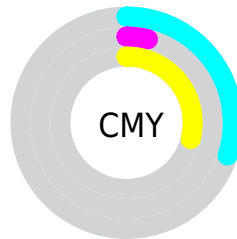


Cyan (28%)

Magenta (0%)

Yellow (26%)

Black (4%)



Cyan (30%)


Magenta (4%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7594, 78.7539, 56.3073 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 59.7594, 78.7539, 56.3073 by changing the saturation by 10% instead.


 59.7594, 78.7539,
56.3073

 59.7594, 78.7539,
56.3073


413.5593,
490.7234, 428.2694

 43.4735, 58.6935,
40.0437


 103.5889,
131.6123, 100.9440

 30.4529, 42.3664,
27.2586


131.8632,
165.1792, 130.1542

 20.3324, 29.3883,
17.5334


164.8642,
204.0169, 164.5170

 12.7465, 19.3748,
10.4495

202.9575,
248.5100, 204.4510

 7.3300, 11.9414,
5.5885

246.5083,
299.0428, 250.3747

 3.7175, 6.7038,
2.5318


295.8819,


 1.5436, 3.2775,


355.9997, 302.7066


0.8570


351.4438,
419.7651, 361.8653


 0.3552, 1.2783,
0.0000


 0.0000, 0.1243,
0.0000


 59.7594, 78.7539,
56.3073


 59.7594, 78.7539,
56.3073


 52.4149, 75.2239,
44.4893


 68.5159, 82.9706,
70.2598


 46.4026, 72.3350,
34.6957

 78.7463, 87.8970,
86.4391

 41.6444, 70.0516,
26.8145

 90.5164, 93.5675,
104.9387

 38.0514, 68.3305,
20.7207

 92.2473, 94.3946,
107.9658

■ 35.5231, 67.1229,
16.2745

■ 33.9420, 66.3717,
13.3155

■ 33.1555, 66.0022,
11.6508

■ 33.0398, 65.9476,
11.4203

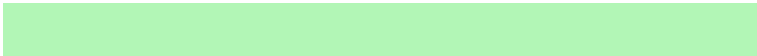
Harmonies

Analogous

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



66.9593, 78.7539, 43.2990



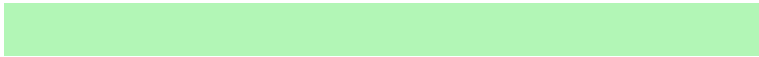
59.7594, 78.7539, 56.3073



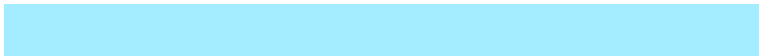
56.6318, 78.7539, 79.9943

Triad

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



59.7594, 78.7539, 56.3073



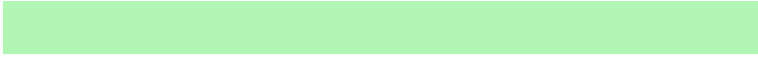
72.8157, 78.7539, 156.4693



94.6807, 78.7539, 64.3702

Complementary

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



59.7594, 78.7539, 56.3073



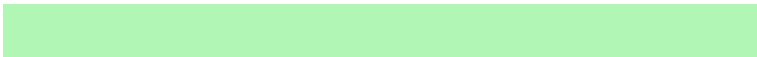
69.9562, 57.8462, 91.4862

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.



96.6156, 78.7539, 91.7745



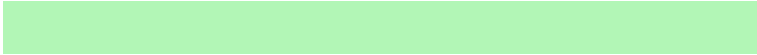
59.7594, 78.7539, 56.3073



83.3444, 78.7539, 149.5466

Square

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



59.7594, 78.7539, 56.3073



63.7068, 78.7539, 141.1754



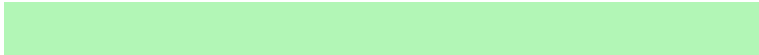
92.2960, 78.7539, 123.9967



87.2294, 78.7539, 47.1417

Rectangle

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



59.7594, 78.7539, 56.3073



57.0473, 78.7539, 100.5223



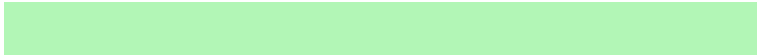
92.2960, 78.7539, 123.9967



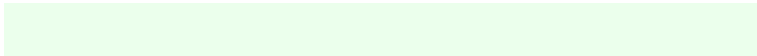
96.0250, 78.7539, 72.5002

Sweetspot

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



59.7615, 78.7572, 56.3090



85.0003, 95.1587, 93.0922



77.8192, 88.1134, 55.0264



17.8149, 20.1855, 19.3282



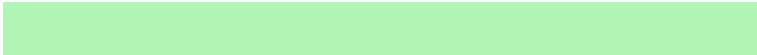
0.0000, 0.0000, 0.0000



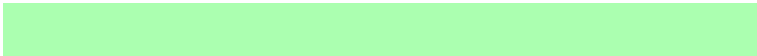
20.3446, 21.4041, 23.3091

Same Dimension

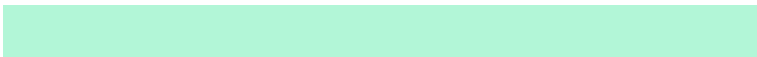
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.7615, 78.7572, 56.3090



60.3387, 83.2878, 53.8668



63.6354, 80.3068, 76.7089



16.3217, 18.4878, 17.7126



17.6506, 35.2051, 6.1801



1.5649, 3.0996, 0.6149

Inverse Universe

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



69.9562, 57.8462, 91.4862



73.0377, 57.2344, 97.6810



65.3880, 56.0190, 67.4307



17.1691, 16.7505, 20.6368



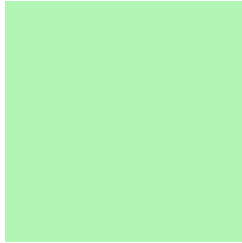
28.0436, 13.5609, 41.7994



2.4773, 1.1969, 3.7400

Previews

White Background



This preview shows how the XYZ color 59.7594, 78.7539, 56.3073 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 59.7594, 78.7539, 56.3073 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

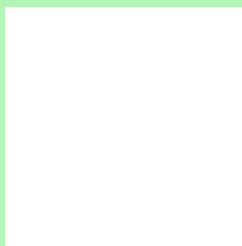
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7594, 78.7539, 56.3073

Background



This preview shows how black text looks on a background with the XYZ color 59.7594, 78.7539, 56.3073.

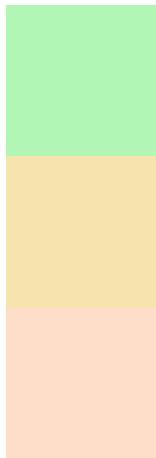


This preview shows how white text looks on a background with the XYZ color 59.7594, 78.7539,

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

59.7594, 78.7539, 56.3073

Protanopia

73.0396, 77.9553, 51.2417

Deuteranopia

77.9039, 77.7196, 66.1537



Tritanopia

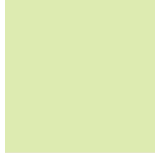
69.7837, 78.4174, 106.0658

Trichromacy



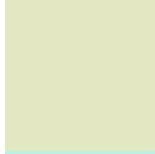
Original Color

59.7594, 78.7539, 56.3073



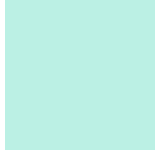
Protanomaly

67.4629, 77.9631, 53.0877



Deuteranomaly

69.9921, 77.3778, 62.2854



Tritanomaly

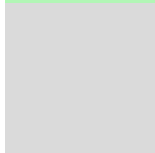
65.6572, 78.4864, 85.0877

Monochromacy



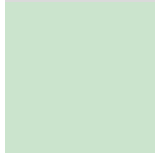
Original Color

59.7594, 78.7539, 56.3073



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.3914, 72.5911, 68.4280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7594, 78.7539, 56.3073 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, 246, 182)` looks like.

```
.text, #text, p{  
    color:rgb(178, 246, 182)  
}
```

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, 246, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 246, 182) }
```

Border

The CSS property to change the border of an element to XYZ 59.7594, 78.7539, 56.3073 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, 246, 182) }
```


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

```
.border{ border-color:rgb(178, 246, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 246, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 246, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 246, 182); box-shadow:4px 4px 4px 4px rgb(178, 246, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7594, 78.7539, 56.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 246, 182) }
```

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

```
.background{ background-color: rgb(178,  
246, 182) }
```

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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