

Converting Colors

XYZ(58.2157, 77.8554, 55.5709)

Have a look what the booklet for
XYZ(58.2157, 77.8554, 55.5709)
contains.

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Color

**XYZ(58.3095, 78.0184,
55.7019)**

Conversions

Conversions Part 1

Format	Color
Hex	ACF6B5
RGB	172, 246, 181
RGB Percent	67%, 96%, 71%
CMY	0.3255, 0.0353, 0.2902
CMYK	0.30, 0.00, 0.26, 0.04
HSL	127°, 80%, 82%
HSV	127°, 30%, 96%
XYZ	58.3095, 78.0184, 55.7019
YIQ	216.4640, -23.2390, -35.9030

Conversions

Conversions Part 2

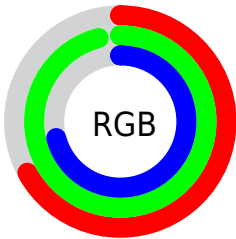
Format	Color
RYB	172, 238, 246
Decimal	11335349
CIELab	90.79, -35.44, 24.16
CIELCh	91, 42.895, 145.717
Yxy	78.0184, 0.3036, 0.4063
Android (android.graphics.Color)	4289525429 (0xFFACF6B5)
YUV	216.4640, -17.4838, -38.9949
Hunter-Lab	88.3280, -36.7378, 24.4398

Details

The XYZ color **58.3095, 78.0184, 55.7019** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **68.0472, 55.2139, 87.1947**, and the grayscale version is **65.7154, 69.1377, 75.2910**.

A 20% lighter version of the original color is **83.3592, 94.2924, 93.9275**, and **29.4300, 41.7356, 26.9267** is the 20% darker color. If you saturate the color by 10%, you get **51.3542, 74.6717, 44.6868**, and if you desaturate by 10%, it is **66.6122, 82.0245, 68.5784**.

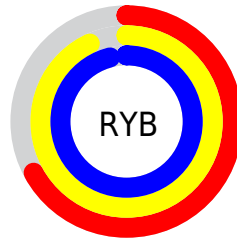
Distribution



Red (67%)

Green (96%)

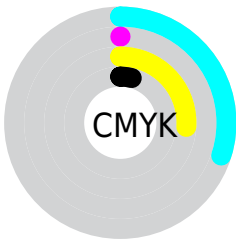
Blue (71%)



Red (67%)

Yellow (93%)

Blue (96%)

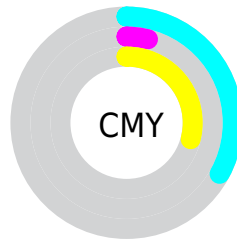


Cyan (30%)

Magenta (0%)

Yellow (26%)

Black (4%)



Cyan (33%)


Magenta (4%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3095, 78.0184, 55.7019 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 58.3095, 78.0184, 55.7019 by changing the saturation by 10% instead.


 58.3095, 78.0184,
55.7019

 58.3095, 78.0184,
55.7019


408.2735,
488.2293, 425.9238

 42.3017, 58.0891,
39.5616


 101.4938,
130.5761, 100.0500

 29.5298, 41.8803,
26.8857


129.4011,
163.9732, 129.0949

 19.6282, 29.0076,
17.2557


162.0055,
202.6284, 163.2784

 12.2318, 19.0865,
10.2531

199.6726,
246.9261, 203.0190

 6.9751, 11.7328,
5.4593

242.7675,
297.2506, 248.7354

 3.4927, 6.5620,
2.4558


291.6558,


 1.4194, 3.1897,


353.9864, 300.8459


0.8166


346.7026,
417.5178, 359.7692


 0.2700, 1.2316,
0.0000


 0.0000, 0.0873,
0.0000


 58.3095, 78.0184,
55.7019


 58.3095, 78.0184,
55.7019


 51.3542, 74.6717,
44.6868


 66.6122, 82.0245,
68.5784


 45.6691, 71.9396,
35.4422

 76.3220, 86.7122,
83.3914

 41.1786, 69.7875,
27.8771

 87.5022, 92.1150,
100.2180

 37.7966, 68.1730,
21.8906

 92.2473, 94.3946,
107.9658

■ 35.4251, 67.0480,
17.3709

■ 33.9489, 66.3558,
14.1915

■ 33.1906, 66.0079,
12.2145

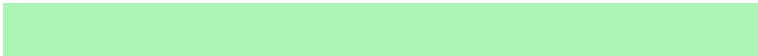
Harmonies

Analogous

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



65.5170, 78.0184, 41.8989



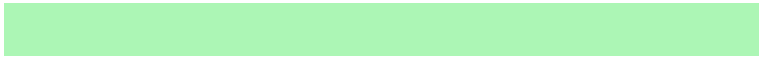
58.3095, 78.0184, 55.7019



55.3422, 78.0184, 80.5916

Triad

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



58.3095, 78.0184, 55.7019



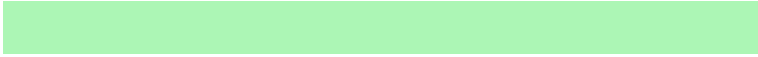
72.6167, 78.0184, 158.9774



94.4442, 78.0184, 61.7016

Complementary

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



58.3095, 78.0184, 55.7019



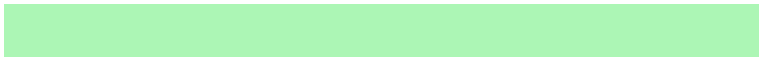
68.0472, 55.2139, 87.1947

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.



96.8085, 78.0184, 89.4603



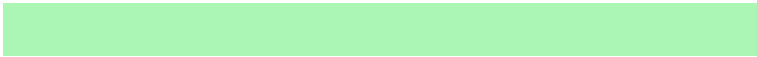
58.3095, 78.0184, 55.7019



83.5189, 78.0184, 150.4548

Square

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



58.3095, 78.0184, 55.7019



63.0788, 78.0184, 144.0571



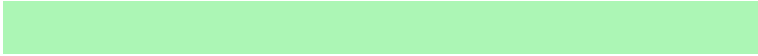
92.6368, 78.0184, 122.9734



86.4555, 78.0184, 44.7282

Rectangle

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



58.3095, 78.0184, 55.7019



55.9345, 78.0184, 102.0689



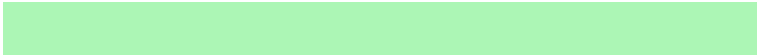
92.6368, 78.0184, 122.9734



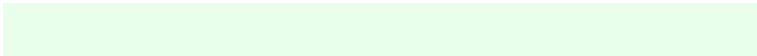
95.9543, 78.0184, 69.8587

Sweetspot

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



58.3115, 78.0217, 55.7036



84.0274, 94.6732, 92.3222



75.4530, 86.9617, 51.8388



17.6304, 20.0925, 19.2233



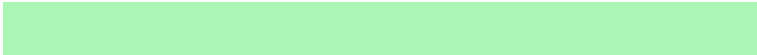
0.0000, 0.0000, 0.0000



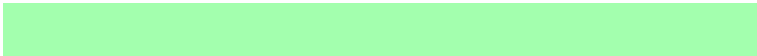
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3115, 78.0217, 55.7036



58.5809, 82.3979, 53.0484



62.5782, 79.7284, 78.1717



16.3642, 18.5048, 17.9362



17.7416, 35.2415, 6.6591



1.5851, 3.1077, 0.7212

Inverse Universe

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



68.0472, 55.2139, 87.1947



70.6767, 54.0471, 92.1632



63.2291, 53.2867, 61.8230



17.1218, 16.7316, 20.3877



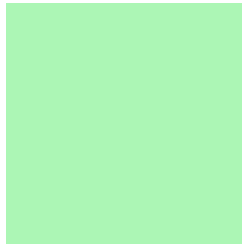
26.9427, 13.1205, 36.0022



2.3919, 1.1627, 3.2904

Previews

White Background



This preview shows how the XYZ color 58.3095, 78.0184, 55.7019 looks on a white background.

Color Contrast Check

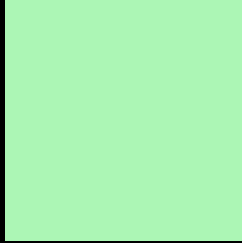
Large Text (above 18pt) WCAG AA × Fail

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 58.3095, 78.0184, 55.7019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

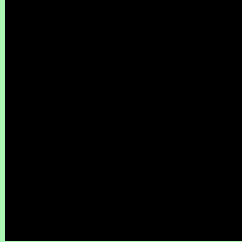
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3095, 78.0184, 55.7019

Background



This preview shows how black text looks on a background with the XYZ color 58.3095, 78.0184, 55.7019.

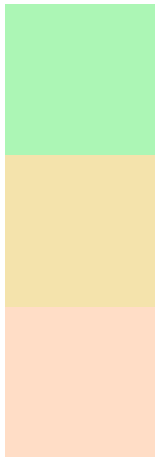


This preview shows how white text looks on a background with the XYZ color 58.3095, 78.0184,

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

58.3095, 78.0184, 55.7019

Protanopia

72.2237, 77.1498, 50.1145

Deuteranopia

77.2895, 77.0501, 64.2246



Tritanopia

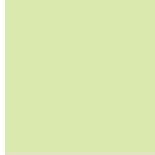
68.2952, 77.6500, 105.9962

Trichromacy



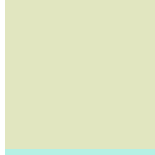
Original Color

58.3095, 78.0184, 55.7019



Protanomaly

66.0741, 76.8462, 51.9078



Deuteranomaly

68.8626, 76.4070, 60.9877



Tritanomaly

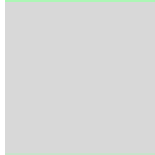
64.2197, 77.7454, 85.0204

Monochromacy



Original Color

58.3095, 78.0184, 55.7019



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.0680, 71.5293, 67.0351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3095, 78.0184, 55.7019 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, 246, 181)` looks like.

```
.text, #text, p{  
    color:rgb(172, 246, 181)  
}
```

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, 246, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 246, 181) }
```

Border

The CSS property to change the border of an element to XYZ 58.3095, 78.0184, 55.7019 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, 246, 181) }
```


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

```
.border{ border-color:rgb(172, 246, 181) }
```

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

Here you see how a box with a 4 pixel rgb(172, 246, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 246, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 246, 181);  
box-shadow:4px 4px 4px 4px rgb(172, 246,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3095, 78.0184, 55.7019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 246, 181) }
```

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

```
.background{ background-color: rgb(172,  
246, 181) }
```

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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