

Converting Colors

XYZ(63.4146, 81.6172, 54.1683)

Have a look what the booklet for
XYZ(63.4146, 81.6172, 54.1683)
contains.

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Color

**XYZ(63.4955, 81.6466,
54.0078)**

Conversions

Conversions Part 1

Format	Color
Hex	C1F8B1
RGB	193, 248, 177
RGB Percent	76%, 97%, 69%
CMY	0.2431, 0.0274, 0.3059
CMYK	0.22, 0.00, 0.29, 0.03
HSL	106°, 84%, 83%
HSV	106°, 29%, 97%
XYZ	63.4955, 81.6466, 54.0078
YIQ	223.4610, -9.9890, -33.7410

Conversions

Conversions Part 2

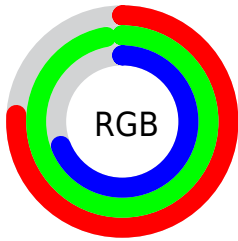
Format	Color
RYB	177, 248, 232
Decimal	12712113
CIELab	92.42, -30.23, 28.61
CIELCh	92, 41.624, 136.577
Yxy	81.6466, 0.3188, 0.4100
Android (android.graphics.Color)	4290902193 (0xFFC1F8B1)
YUV	223.4610, -22.9053, -26.7143
Hunter-Lab	90.3585, -32.6943, 27.8130

Details

The XYZ color **63.4955, 81.6466, 54.0078** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.9477, 55.3799, 96.0249**, and the grayscale version is **70.6320, 74.3104, 80.9240**.

A 20% lighter version of the original color is **89.8923, 97.7272, 91.2162**, and **32.7501, 44.1201, 25.8587** is the 20% darker color. If you saturate the color by 10%, you get **56.6615, 78.3861, 41.9362**, and if you desaturate by 10%, it is **71.4193, 85.4218, 68.4787**.

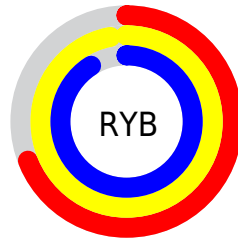
Distribution



Red (76%)

Green (97%)

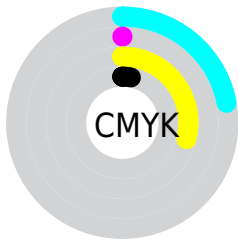
Blue (69%)



Red (69%)

Yellow (97%)

Blue (91%)

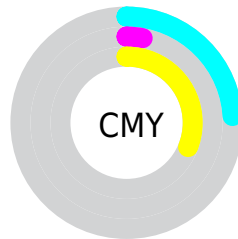


Cyan (22%)

Magenta (0%)

Yellow (29%)

Black (3%)



Cyan (24%)

Magenta (3%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4955, 81.6466, 54.0078 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 63.4955, 81.6466, 54.0078 by changing the saturation by 10% instead.


 63.4955, 81.6466,
54.0078

 63.4955, 81.6466,
54.0078


426.9967,
500.4648, 419.3152

 46.5023, 61.0743,
38.2147


 108.9619,
135.6783, 97.5422

 32.8487, 44.2851,
25.8462


138.1658,
169.9065, 126.1206

 22.1692, 30.8947,
16.4839


172.1706,
209.4554, 159.7978

 14.0986, 20.5187,
9.7092

211.3418,
254.7094, 198.9924

 8.2714, 12.7726,
5.1035

256.0446,
306.0530, 244.1229

 4.3224, 7.2722,
2.2483

306.6445,

 1.8861, 3.6329,

363.8705, 295.6078

0.7020

363.5067,
428.5463, 353.8657

■ 0.5687, 1.4704,
0.0000

■ 0.0000, 0.2678,
0.0000

■ 63.4955, 81.6466,
54.0078

■ 63.4955, 81.6466,
54.0078

■ 56.6615, 78.3861,
41.9362

■ 71.4193, 85.4218,
68.4787

■ 50.8623, 75.6076,
32.1291

■ 80.4721, 89.7222,
85.4632

■ 46.0475, 73.2905,
24.4467

■ 90.6989, 94.5708,
105.0747

■ 42.1596, 71.4087,
18.7314

■ 92.8591, 95.6181,
108.1697

■ 39.1348, 69.9332,
14.8040

■ 36.9005, 68.8311,
12.4520

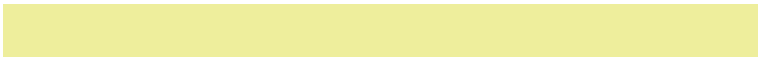
■ 35.3626, 68.0606,
11.3708

■ 35.1933, 67.9754,
11.2657

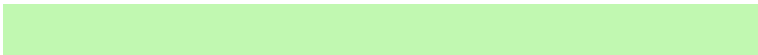
Harmonies

Analogous

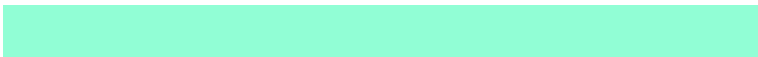
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8357, 81.6466, 43.2646



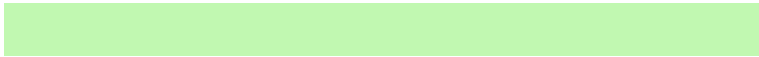
63.4955, 81.6466, 54.0078



59.1302, 81.6466, 75.8138

Triad

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



63.4955, 81.6466, 54.0078



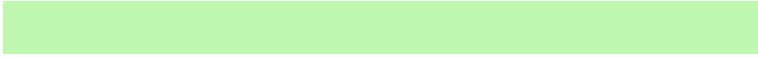
72.8879, 81.6466, 160.0771



99.2215, 81.6466, 73.0099

Complementary

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



63.4955, 81.6466, 54.0078



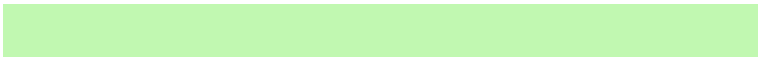
65.9477, 55.3799, 96.0249

Split Complementary

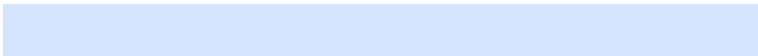
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.5699, 81.6466, 103.4100



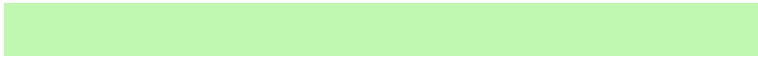
63.4955, 81.6466, 54.0078



83.6702, 81.6466, 158.8283

Square

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



63.4955, 81.6466, 54.0078



64.2041, 81.6466, 139.3827



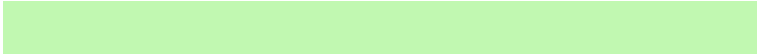
93.6583, 81.6466, 136.2867



92.7465, 81.6466, 52.3669

Rectangle

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



63.4955, 81.6466, 54.0078



58.7722, 81.6466, 95.8761



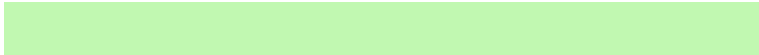
93.6583, 81.6466, 136.2867



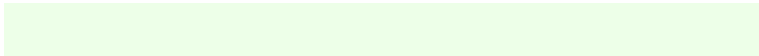
100.0785, 81.6466, 82.2694

Sweetspot

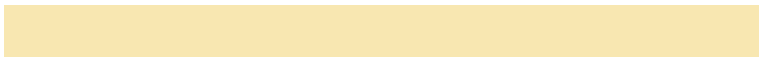
The Sweet Spot groups the original color and five complimentary colors.



63.4976, 81.6501, 54.0096



85.3315, 95.3916, 90.2962



75.3480, 80.5292, 53.1686



17.9487, 20.2679, 18.7295



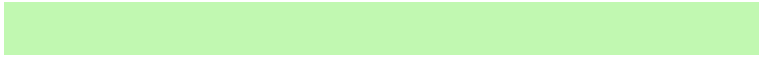
0.0000, 0.0000, 0.0000



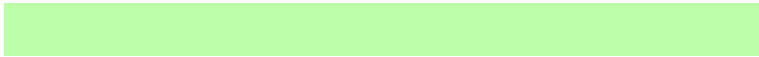
20.3446, 21.4041, 23.3091

Same Dimension

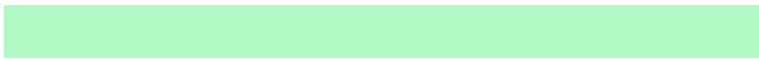
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.4976, 81.6501, 54.0096



63.5543, 85.0288, 50.2550



61.6577, 80.4682, 64.4689



17.3832, 19.4978, 18.3097



19.1093, 36.7695, 6.0901



1.8573, 3.4506, 0.5681

Inverse Universe

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



65.9477, 55.3799, 96.0249



66.5227, 53.0776, 101.3466



68.5887, 57.0638, 81.5803



17.5881, 17.3158, 21.8006



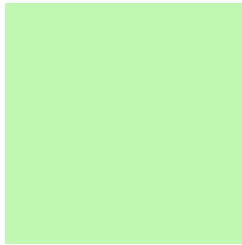
21.0393, 9.7888, 48.7541



2.0390, 0.9532, 4.5197

Previews

White Background



This preview shows how the XYZ color 63.4955, 81.6466, 54.0078 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 63.4955, 81.6466, 54.0078 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

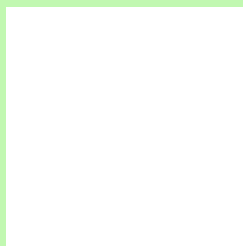
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4955, 81.6466, 54.0078

Background



This preview shows how black text looks on a background with the XYZ color 63.4955, 81.6466, 54.0078.

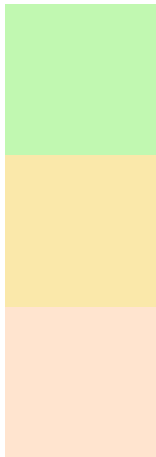


This preview shows how white text looks on a background with the XYZ color 63.4955, 81.6466,

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

63.4955, 81.6466, 54.0078

Protanopia

75.5367, 80.9395, 49.6719

Deuteranopia

80.2459, 81.2518, 70.4852



Tritanopia

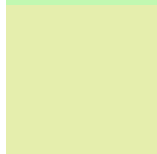
74.3466, 81.1983, 106.3621

Trichromacy



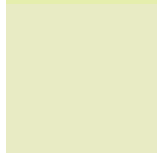
Original Color

63.4955, 81.6466, 54.0078



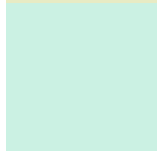
Protanomaly

70.4305, 80.8242, 51.4237



Deuteranomaly

72.9508, 80.5580, 63.9289



Tritanomaly

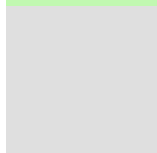
69.9490, 81.1532, 84.6505

Monochromacy



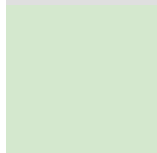
Original Color

63.4955, 81.6466, 54.0078



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

67.1486, 76.1665, 69.5550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4955, 81.6466, 54.0078 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(193, 248, 177)` looks like.

```
.text, #text, p{  
    color:rgb(193, 248, 177)  
}
```

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(193, 248, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 248, 177) }
```

Border

The CSS property to change the border of an element to XYZ 63.4955, 81.6466, 54.0078 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(193, 248, 177) }
```


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

```
.border{ border-color:rgb(193, 248, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 248, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 248, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 248, 177); box-shadow:4px 4px 4px 4px rgb(193, 248, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4955, 81.6466, 54.0078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 248, 177) }
```

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

```
.background{ background-color: rgb(193,  
248, 177) }
```

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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