

Converting Colors

XYZ(63.4289, 84.8198, 56.7676)

Have a look what the booklet for
XYZ(63.4289, 84.8198, 56.7676)
contains.

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Color

**XYZ(63.3919, 84.8013,
56.7432)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FFB5
RGB	182, 255, 181
RGB Percent	71%, 100%, 71%
CMY	0.2863, 0.0000, 0.2902
CMYK	0.29, 0.00, 0.29, 0.00
HSL	119°, 100%, 85%
HSV	119°, 29%, 100%
XYZ	63.3919, 84.8013, 56.7432
YIQ	224.7370, -19.7540, -38.4900

Conversions

Conversions Part 2

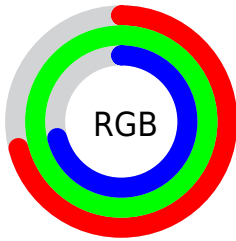
Format	Color
RYB	181, 255, 254
Decimal	11993013
CIELab	93.80, -36.41, 28.36
CIELCh	94, 46.153, 142.087
Yxy	84.8013, 0.3093, 0.4138
Android (android.graphics.Color)	4290183093 (0xFFB6FFB5)
YUV	224.7370, -21.5623, -37.4803
Hunter-Lab	92.0876, -38.2763, 27.9276

Details

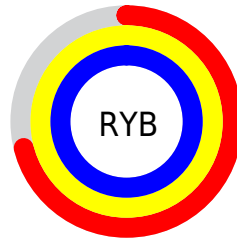
The XYZ color **63.3919, 84.8013, 56.7432** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **75.4478, 61.3397, 102.4710**, and the grayscale version is **71.5389, 75.2645, 81.9630**.

A 20% lighter version of the original color is **86.6427, 95.9851, 94.0812**, and **32.8428, 46.4587, 27.6585** is the 20% darker color. If you saturate the color by 10%, you get **55.5932, 81.0560, 43.9473**, and if you desaturate by 10%, it is **72.7377, 89.2887, 72.1137**.

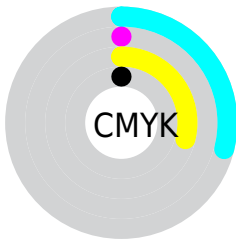
Distribution



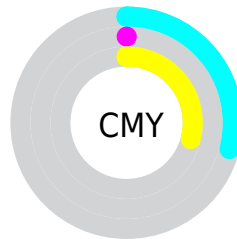
- Red (71%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3919, 84.8013, 56.7432 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 63.3919, 84.8013, 56.7432 by changing the saturation by 10% instead.


 63.3919, 84.8013,
56.7432

 63.3919, 84.8013,
56.7432


426.6275,
510.9703, 429.9531

 46.4182, 63.6772,
40.3911

 108.8133,
140.0955, 101.5870

 32.7819, 46.3893,
27.5275


137.9918,
175.0345, 130.9158

 22.1179, 32.5531,
17.7339


171.9691,
215.3471, 165.4072

 14.0606, 21.7843,
10.5916

211.1108,
261.4179, 205.4799

 8.2448, 13.6985,
5.6823

255.7821,
313.6313, 251.5522

 4.3051, 7.9113,
2.5872

306.3484,

 1.8762, 4.0382,

372.3715, 304.0429

0.8858

363.1751,
438.0231, 363.3703

■ 0.5629, 1.6950,
0.0000

■ 0.0000, 0.4204,
0.0000

■ 63.3919, 84.8013,
56.7432

■ 63.3919, 84.8013,
56.7432

■ 55.5932, 81.0560,
43.9473

■ 72.7377, 89.2887,
72.1137

■ 49.2567, 78.0123,
33.5817

■ 83.7062, 94.5545,
90.1847

■ 44.2918, 75.6267,
25.4939

95.0500, 100.0000,
108.9000

■ 40.5972, 73.8506,
19.5125

■ 38.0576, 72.6289,
15.4420

■ 36.5367, 71.8962,
13.0504

■ 35.8477, 71.5636,
11.9957

■ 35.8031, 71.5422,
11.9220

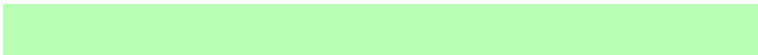
Harmonies

Analogous

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



72.0557, 84.8013, 42.8289



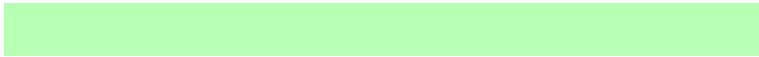
63.3919, 84.8013, 56.7432



59.4283, 84.8013, 83.3452

Triad

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



63.3919, 84.8013, 56.7432



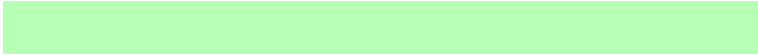
77.3980, 84.8013, 176.6774



104.4853, 84.8013, 69.1977

Complementary

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



63.3919, 84.8013, 56.7432



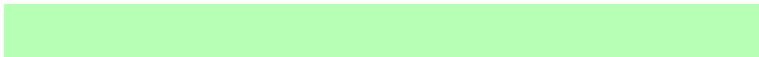
75.4478, 61.3397, 102.4710

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.



106.2859, 84.8013, 101.9474



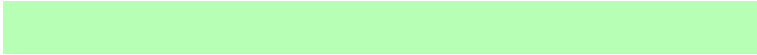
63.3919, 84.8013, 56.7432



89.7968, 84.8013, 170.1132

Square

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



63.3919, 84.8013, 56.7432



66.9624, 84.8013, 156.5193



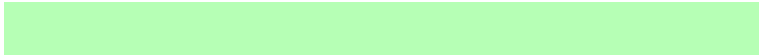
100.6730, 84.8013, 140.3584



95.9763, 84.8013, 48.6453

Rectangle

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



63.3919, 84.8013, 56.7432



59.6720, 84.8013, 107.2093



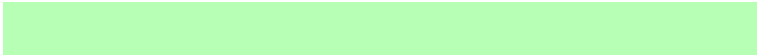
100.6730, 84.8013, 140.3584



105.9278, 84.8013, 78.9029

Sweetspot

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



63.3924, 84.8015, 56.7445



83.7282, 94.5651, 90.2211



84.9485, 95.3319, 57.6410



17.5574, 20.0661, 18.7111



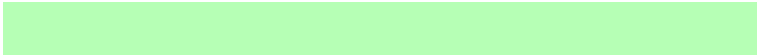
0.0000, 0.0000, 0.0000



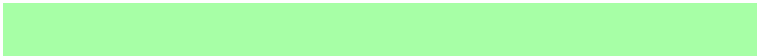
20.3446, 21.4041, 23.3091

Same Dimension

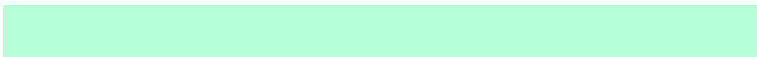
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.3924, 84.8015, 56.7445



58.5468, 82.4746, 48.7897



67.3108, 86.3417, 78.6054



17.7942, 20.1798, 19.1016



18.7177, 37.3874, 6.2300



1.8301, 3.6442, 0.6069

Inverse Universe

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



75.4478, 61.3397, 102.4710



72.4390, 55.4338, 101.4896



70.5814, 59.4355, 74.9319



18.7670, 18.2871, 22.7906



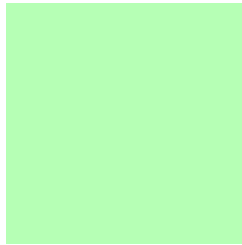
30.3356, 14.5491, 50.6440



2.9612, 1.4205, 4.9314

Previews

White Background



This preview shows how the XYZ color 63.3919, 84.8013, 56.7432 looks on a white background.

Color Contrast Check

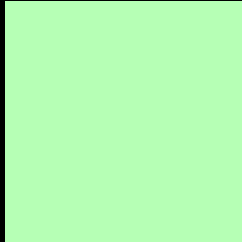
Large Text (above 18pt) WCAG AA × Fail

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 63.3919, 84.8013, 56.7432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

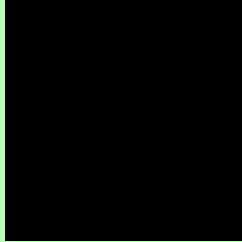
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

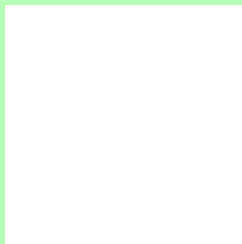
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3919, 84.8013, 56.7432

Background



This preview shows how black text looks on a background with the XYZ color 63.3919, 84.8013, 56.7432.



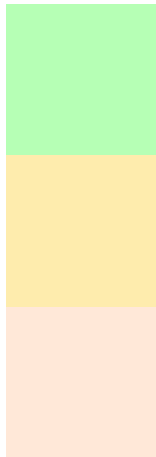
This preview shows how white text looks on a background with the XYZ color 63.3919, 84.8013,

56.7432.

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

63.3919, 84.8013, 56.7432

Protanopia

78.4113, 84.0789, 51.6313

Deuteranopia

82.4913, 83.9311, 76.8183



Tritanopia

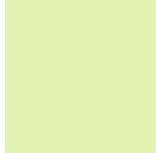
76.6661, 84.5731, 106.8913

Trichromacy



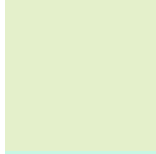
Original Color

63.3919, 84.8013, 56.7432



Protanomaly

71.8820, 83.7298, 53.4472



Deuteranomaly

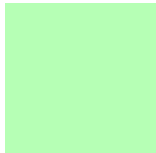
73.9345, 83.1260, 68.6481



Tritanomaly

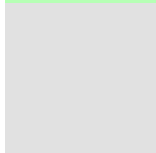
71.0838, 84.4023, 85.9436

Monochromacy



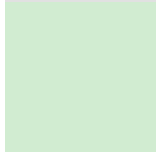
Original Color

63.3919, 84.8013, 56.7432



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

67.7986, 78.1497, 71.8326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3919, 84.8013, 56.7432 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, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 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(182, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 181) }
```

Border

The CSS property to change the border of an element to XYZ 63.3919, 84.8013, 56.7432 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, 255, 181) }
```


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

```
.border{ border-color:rgb(182, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 255, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 255, 181); box-shadow:4px 4px 4px 4px rgb(182, 255, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3919, 84.8013, 56.7432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 181) }
```

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

```
.background{ background-color: rgb(182,  
255, 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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