

Converting Colors

XYZ(63.4975, 84.8437, 57.2903)

Have a look what the booklet for
XYZ(63.4975, 84.8437, 57.2903)
contains.

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Color

**XYZ(63.4949, 84.8425,
57.2857)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FFB6
RGB	182, 255, 182
RGB Percent	71%, 100%, 71%
CMY	0.2863, 0.0000, 0.2863
CMYK	0.29, 0.00, 0.29, 0.00
HSL	120°, 100%, 86%
HSV	120°, 29%, 100%
XYZ	63.4949, 84.8425, 57.2857
YIQ	224.8510, -20.0750, -38.1790

Conversions

Conversions Part 2

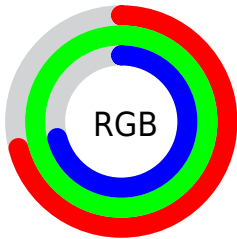
Format	Color
RYB	182, 255, 255
Decimal	11993014
CIELab	93.82, -36.25, 27.88
CIElCh	94, 45.732, 142.439
Yxy	84.8425, 0.3088, 0.4126
Android (android.graphics.Color)	4290183094 (0xFFB6FFB6)
YUV	224.8510, -21.1255, -37.5803
Hunter-Lab	92.1100, -38.1457, 27.6029

Details

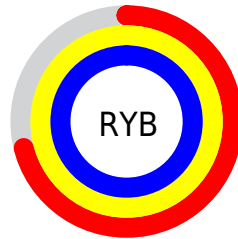
The XYZ color **63.4949, 84.8425, 57.2857** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **76.0180, 61.9363, 102.5550**, and the grayscale version is **71.6179, 75.3476, 82.0536**.

A 20% lighter version of the original color is **86.7892, 96.0438, 94.8529**, and **32.9089, 46.4852, 28.0069** is the 20% darker color. If you saturate the color by 10%, you get **55.6109, 81.0554, 44.3905**, and if you desaturate by 10%, it is **72.9563, 89.3873, 72.7620**.

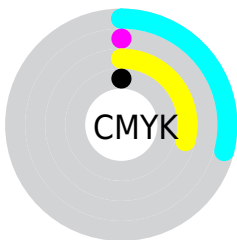
Distribution



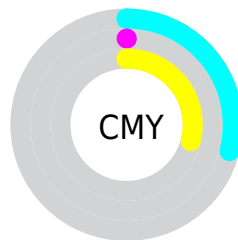
- Red (71%)
- Green (100%)
- Blue (71%)



- 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 63.4949, 84.8425, 57.2857 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 63.4949, 84.8425, 57.2857 by changing the saturation by 10% instead.


 63.4949, 84.8425,
57.2857

 63.4949, 84.8425,
57.2857


426.9945,
511.1068, 432.0427

 46.5018, 63.7113,
40.8238


 108.9610,
140.1531, 102.3864

 32.8483, 46.4168,
27.8627


138.1647,
175.1012, 131.8623

 22.1689, 32.5749,
17.9841


172.1694,
215.4238, 166.5132

 14.0984, 21.8010,
10.7692

211.3404,
261.5052, 206.7577

 8.2713, 13.7107,
5.7997

256.0431,
313.7298, 253.0144

 4.3223, 7.9198,
2.6568

306.6428,

 1.8860, 4.0436,

372.4820, 305.7018

0.9216

363.5048,
438.1462, 365.2384

■ 0.5687, 1.6980,
0.0000

■ 0.0000, 0.4224,
0.0000

■ 63.4949, 84.8425,
57.2857

■ 63.4949, 84.8425,
57.2857

■ 55.6109, 81.0554,
44.3905

■ 72.9563, 89.3873,
72.7620

■ 49.2172, 77.9842,
33.9324

■ 84.0728, 94.7271,
90.9450

■ 44.2205, 75.5840,
25.7593

95.0500, 100.0000,
108.9000

■ 40.5165, 73.8048,
19.7006

■ 37.9861, 72.5893,
15.5616

■ 36.4886, 71.8700,
13.1119

■ 35.8230, 71.5503,
12.0232

■ 35.7600, 71.5200,
11.9201

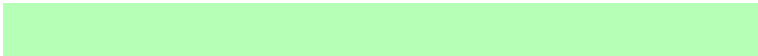
Harmonies

Analogous

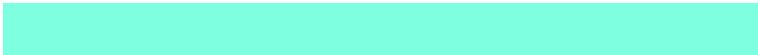
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0437, 84.8425, 43.2925



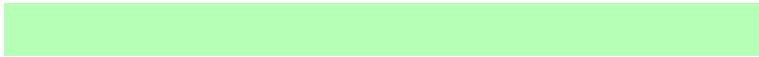
63.4949, 84.8425, 57.2857



59.6184, 84.8425, 83.8477

Triad

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



63.4949, 84.8425, 57.2857



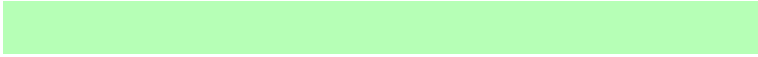
77.6036, 84.8425, 175.8935



104.2307, 84.8425, 69.1117

Complementary

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



63.4949, 84.8425, 57.2857



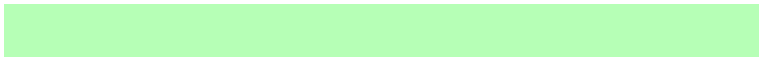
76.0180, 61.9363, 102.5550

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.



106.1004, 84.8425, 101.4703



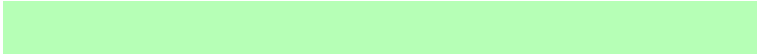
63.4949, 84.8425, 57.2857



89.8948, 84.8425, 169.0916

Square

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



63.4949, 84.8425, 57.2857



67.2143, 84.8425, 156.2507



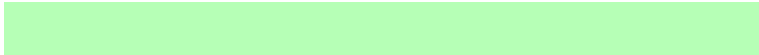
100.6237, 84.8425, 139.4897



95.7446, 84.8425, 48.8274

Rectangle

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



63.4949, 84.8425, 57.2857



59.9012, 84.8425, 107.5607



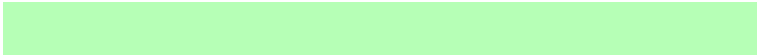
100.6237, 84.8425, 139.4897



105.6862, 84.8425, 78.6977

Sweetspot

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



63.4954, 84.8427, 57.2870



83.6276, 94.5132, 90.2167



85.4436, 96.1574, 58.3135



17.5329, 20.0535, 18.7101



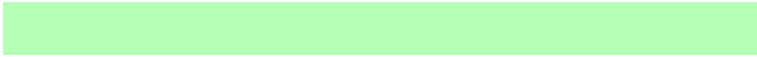
0.0000, 0.0000, 0.0000



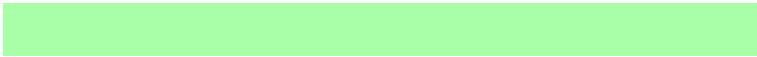
20.3446, 21.4041, 23.3091

Same Dimension

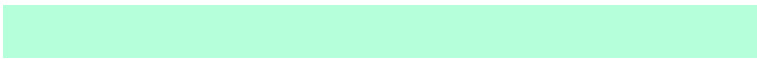
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.4954, 84.8427, 57.2870



59.0684, 82.7162, 50.0458



67.7722, 86.5534, 79.8081



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2286



1.8193, 3.6387, 0.6065

Inverse Universe

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



76.0180, 61.9363, 102.5550



73.3478, 56.5961, 101.6647



70.6887, 59.8046, 74.4914



18.7927, 18.3004, 22.7917



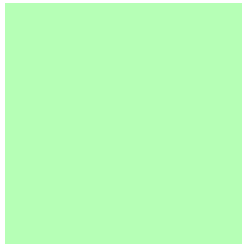
30.9799, 14.8813, 50.6722



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 63.4949, 84.8425, 57.2857 looks on a white background.

Color Contrast Check

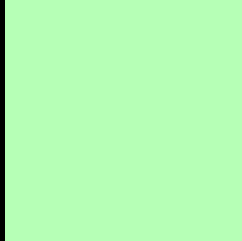
Large Text (above 18pt) WCAG AA × Fail

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 63.4949, 84.8425, 57.2857 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

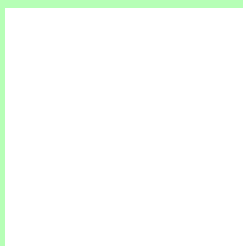
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4949, 84.8425, 57.2857

Background



This preview shows how black text looks on a background with the XYZ color 63.4949, 84.8425, 57.2857.



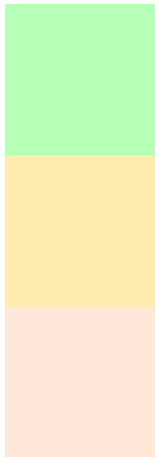
This preview shows how white text looks on a background with the XYZ color 63.4949, 84.8425,

57.2857.

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

63.4949, 84.8425, 57.2857

Protanopia

78.5085, 84.1177, 52.1429

Deuteranopia

82.4913, 83.9311, 76.8183



Tritanopia

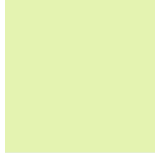
76.6661, 84.5731, 106.8913

Trichromacy



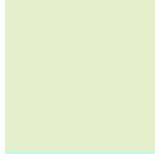
Original Color

63.4949, 84.8425, 57.2857



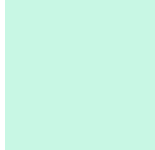
Protanomaly

71.9813, 83.7695, 53.9703



Deuteranomaly

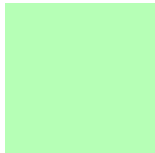
74.0541, 83.1738, 69.2778



Tritanomaly

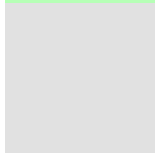
71.0838, 84.4023, 85.9436

Monochromacy



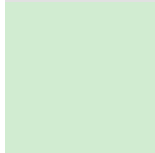
Original Color

63.4949, 84.8425, 57.2857



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 63.4949, 84.8425, 57.2857 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, 182)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 63.4949, 84.8425, 57.2857 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, 182) }
```


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

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

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, 182)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 63.4949, 84.8425, 57.2857 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, 182) }
```

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

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