

Converting Colors

XYZ(63.4149, 84.8791, 53.7655)

Have a look what the booklet for
XYZ(63.4149, 84.8791, 53.7655)
contains.

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Color

**XYZ(63.2650, 84.8055,
53.5921)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FFAF
RGB	184, 255, 175
RGB Percent	72%, 100%, 69%
CMY	0.2784, 0.0000, 0.3137
CMYK	0.28, 0.00, 0.31, 0.00
HSL	113°, 100%, 84%
HSV	113°, 31%, 100%
XYZ	63.2650, 84.8055, 53.5921
YIQ	224.6510, -16.6360, -39.9320

Conversions

Conversions Part 2

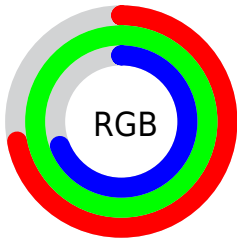
Format	Color
RYB	175, 255, 246
Decimal	12124079
CIELab	93.80, -36.71, 31.40
CIELCh	94, 48.308, 139.460
Yxy	84.8055, 0.3137, 0.4205
Android (android.graphics.Color)	4290314159 (0xFFB8FFAF)
YUV	224.6510, -24.4779, -35.6509
Hunter-Lab	92.0899, -38.5293, 29.9589

Details

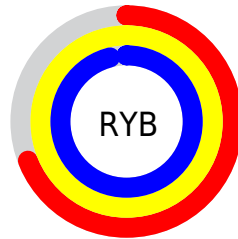
The XYZ color **63.2650, 84.8055, 53.5921** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **71.3870, 57.4740, 101.9388**, and the grayscale version is **71.4957, 75.2190, 81.9135**.

A 20% lighter version of the original color is **86.4594, 95.9903, 89.5724**, and **32.7602, 46.4604, 25.6535** is the 20% darker color. If you saturate the color by 10%, you get **55.9975, 81.3215, 41.3898**, and if you desaturate by 10%, it is **71.8737, 88.9262, 68.3283**.

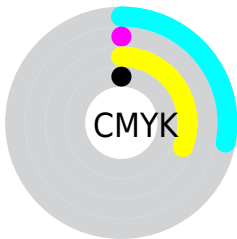
Distribution



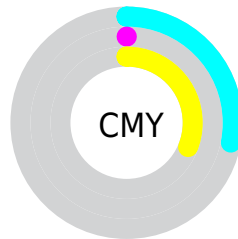
- Red (72%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (96%)



- Cyan (28%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2650, 84.8055, 53.5921 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 63.2650, 84.8055, 53.5921 by changing the saturation by 10% instead.


 63.2650, 84.8055,
53.5921

 63.2650, 84.8055,
53.5921


426.1750,
510.9843, 417.6832

 46.3151, 63.6807,
37.8847


 108.6314,
140.1014, 96.9254

 32.7002, 46.3921,
25.5921


137.7786,
175.0413, 125.3884

 22.0550, 32.5553,
16.2957


171.7222,
215.3549, 158.9404

 14.0142, 21.7860,
9.5770

210.8277,
261.4268, 197.9998

 8.2123, 13.6998,
5.0175

255.4604,
313.6413, 242.9853

 4.2840, 7.9121,
2.1986

305.9856,

 1.8640, 4.0388,

372.3828, 294.3153

0.6736

362.7687,
438.0356, 352.4084

■ 0.5558, 1.6953,
0.0000

■ 0.0000, 0.4206,
0.0000

■ 63.2650, 84.8055,
53.5921

■ 63.2650, 84.8055,
53.5921

■ 55.9975, 81.3215,
41.3898

■ 71.8737, 88.9262,
68.3283

■ 50.0019, 78.4417,
31.5750

■ 81.8853, 93.7126,
85.7258

■ 45.2050, 76.1316,
23.9924

■ 93.3591, 99.1928,
105.9082

■ 41.5250, 74.3531,
18.4667

■ 95.0500, 100.0000,
108.9000

■ 38.8703, 73.0630,
14.7967

■ 37.1337, 72.2115,
12.7402

■ 36.2578, 71.7766,
11.9433

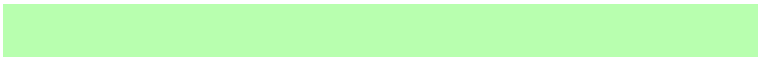
Harmonies

Analogous

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



72.6586, 84.8055, 40.4384



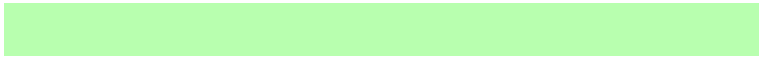
63.2650, 84.8055, 53.5921



58.6928, 84.8055, 80.0026

Triad

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



63.2650, 84.8055, 53.5921



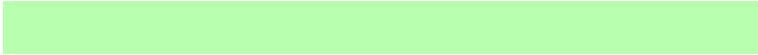
76.1739, 84.8055, 180.7272



106.1891, 84.8055, 70.7342

Complementary

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



63.2650, 84.8055, 53.5921



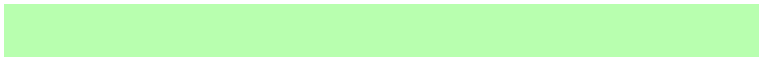
71.3870, 57.4740, 101.9388

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.



107.3875, 84.8055, 105.8821



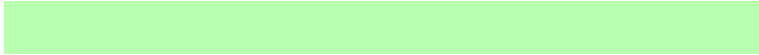
63.2650, 84.8055, 53.5921



89.1108, 84.8055, 176.3114

Square

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



63.2650, 84.8055, 53.5921



65.6029, 84.8055, 157.1497



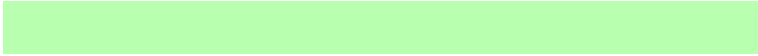
100.8552, 84.8055, 146.3266



97.7360, 84.8055, 48.3630

Rectangle

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



63.2650, 84.8055, 53.5921



58.6274, 84.8055, 104.4513



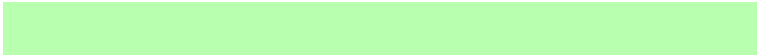
100.8552, 84.8055, 146.3266



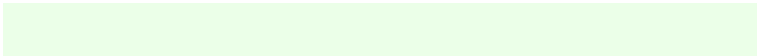
107.4854, 84.8055, 81.2008

Sweetspot

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



63.2655, 84.8057, 53.5934



84.4720, 94.9485, 90.2559



81.8327, 90.0643, 53.6298



17.7387, 20.1596, 18.7196



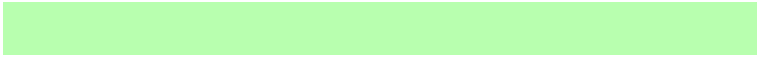
0.0000, 0.0000, 0.0000



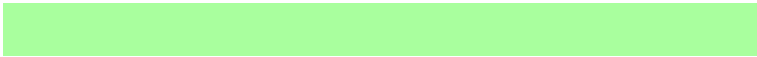
20.3446, 21.4041, 23.3091

Same Dimension

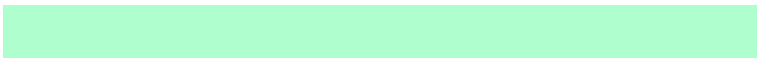
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.2655, 84.8057, 53.5934



58.3023, 82.4270, 45.2301



64.5400, 85.0744, 71.2008



17.9612, 20.2659, 19.1094



19.0056, 37.5358, 6.2434



1.9091, 3.6849, 0.6106

Inverse Universe

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



71.3870, 57.4740, 101.9388



67.6370, 50.9589, 100.8789



70.0704, 57.3209, 78.1299



18.5796, 18.1905, 22.7818



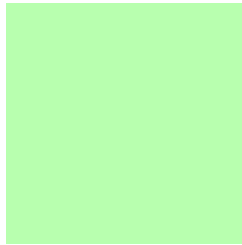
25.9524, 12.2894, 50.4388



2.5818, 1.2249, 4.9136

Previews

White Background



This preview shows how the XYZ color 63.2650, 84.8055, 53.5921 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 63.2650, 84.8055, 53.5921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

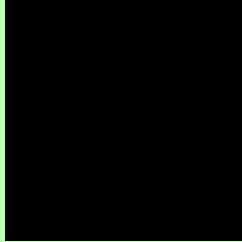
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2650, 84.8055, 53.5921

Background



This preview shows how black text looks on a background with the XYZ color 63.2650, 84.8055, 53.5921.

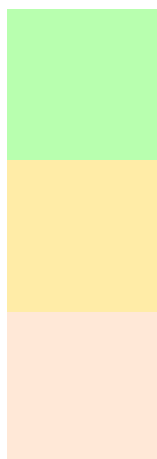


This preview shows how white text looks on a background with the XYZ color 63.2650, 84.8055,

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

63.2650, 84.8055, 53.5921

Protanopia

78.2105, 84.0409, 48.6586

Deuteranopia

82.3624, 83.8795, 76.1394



Tritanopia

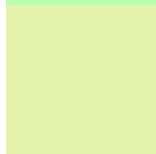
76.6567, 84.1276, 106.8058

Trichromacy



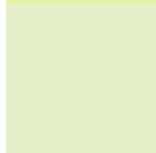
Original Color

63.2650, 84.8055, 53.5921



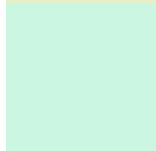
Protanomaly

71.6194, 83.6615, 50.4037



Deuteranomaly

73.8985, 83.1483, 66.7979



Tritanomaly

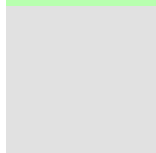
71.0404, 83.9591, 84.4130

Monochromacy



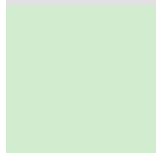
Original Color

63.2650, 84.8055, 53.5921



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

67.8363, 78.1975, 70.5498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2650, 84.8055, 53.5921 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(184, 255, 175)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 175)  
}
```

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(184, 255, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 175) }
```

Border

The CSS property to change the border of an element to XYZ 63.2650, 84.8055, 53.5921 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(184, 255, 175) }
```


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

```
.border{ border-color:rgb(184, 255, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 175);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2650, 84.8055, 53.5921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 175) }
```

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

```
.background{ background-color: rgb(184,  
255, 175) }
```

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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