

Converting Colors

XYZ(69.6537, 87.8705, 64.2108)

Have a look what the booklet for
XYZ(69.6537, 87.8705, 64.2108)
contains.

XYZ(69.5850, 87.8325, 64.3248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.5850, 87.8325,
64.3248)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FFC2
RGB	201, 255, 194
RGB Percent	79%, 100%, 76%
CMY	0.2118, 0.0000, 0.2392
CMYK	0.21, 0.00, 0.24, 0.00
HSL	113°, 100%, 88%
HSV	113°, 24%, 100%
XYZ	69.5850, 87.8325, 64.3248
YIQ	231.9000, -12.6030, -30.4190

Conversions

Conversions Part 2

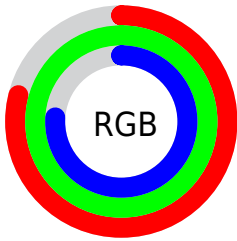
Format	Color
RYB	194, 255, 248
Decimal	13238210
CIELab	95.09, -28.20, 23.72
CIElCh	95, 36.847, 139.932
Yxy	87.8325, 0.3138, 0.3961
Android (android.graphics.Color)	4291428290 (0xFFC9FFC2)
YUV	231.9000, -18.6847, -27.0993
Hunter-Lab	93.7190, -31.4746, 24.9091

Details

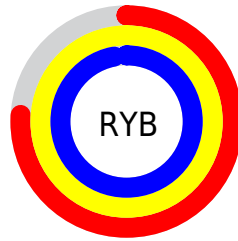
The XYZ color **69.5850, 87.8325, 64.3248** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.0540, 65.7612, 103.2924**, and the grayscale version is **76.7686, 80.7666, 87.9548**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **36.7818, 48.3926, 32.2130** is the 20% darker color. If you saturate the color by 10%, you get **61.3331, 83.8815, 50.2498**, and if you desaturate by 10%, it is **79.2214, 92.4405, 81.0324**.

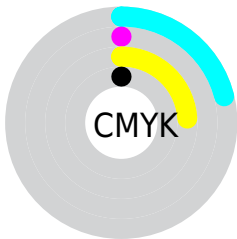
Distribution



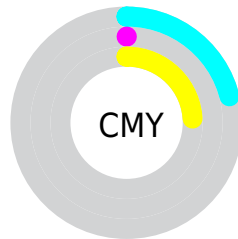
- Red (79%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (97%)



- Cyan (21%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5850, 87.8325, 64.3248 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 69.5850, 87.8325, 64.3248 by changing the saturation by 10% instead.

69.5850, 87.8325,
64.3248

69.5850, 87.8325,
64.3248

448.3807,
520.9546, 458.6012

51.4667, 66.1844,
46.4659

117.6462,
144.3239, 112.6825

36.8027, 48.4221,
32.2623

148.3199,
179.9360, 144.0185

25.2277, 34.1613,
21.2955

183.9093,
220.9716, 180.6839

16.3764, 23.0175,
13.1468

224.7798,
267.8149, 223.0972

9.8835, 14.6064,
7.3978

271.2969,
320.8505, 271.6771

5.3834, 8.5436,
3.6299

323.8258,

2.5110, 4.4447,

380.4627, 326.8420

1.4246

382.7320,
447.0359, 389.0106

■ 0.9008, 1.9253,
0.1608

■ 0.0000, 0.5635,
0.0000

■ 69.5850, 87.8325,
64.3248

■ 69.5850, 87.8325,
64.3248

■ 61.3331, 83.8815,
50.2498

■ 79.2214, 92.4405,
81.0324

■ 54.4000, 80.5565,
38.6693

■ 90.3003, 97.7326,
100.4930

■ 48.7175, 77.8255,
29.4390

95.0500, 100.0000,
108.9000

■ 44.2104, 75.6531,
22.3981

■ 40.7952, 74.0004,
17.3656

■ 38.3773, 72.8230,
14.1316

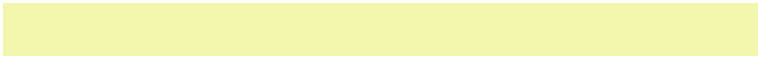
■ 36.8454, 72.0692,
12.4397

■ 36.2741, 71.7850,
11.9441

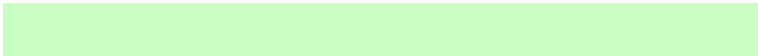
Harmonies

Analogous

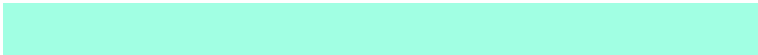
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0829, 87.8325, 52.5655



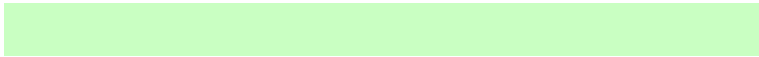
69.5850, 87.8325, 64.3248



65.9082, 87.8325, 86.3071

Triad

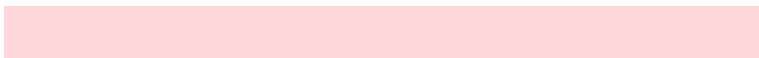
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5850, 87.8325, 64.3248



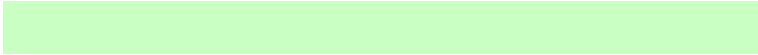
80.1583, 87.8325, 160.9221



102.9420, 87.8325, 78.0255

Complementary

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



69.5850, 87.8325, 64.3248



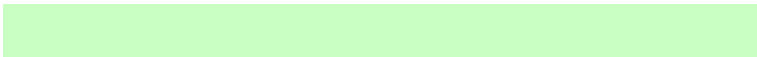
76.0540, 65.7612, 103.2924

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.



103.9315, 87.8325, 105.6112



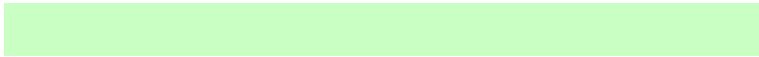
69.5850, 87.8325, 64.3248



90.2261, 87.8325, 157.4718

Square

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



69.5850, 87.8325, 64.3248



71.6812, 87.8325, 144.3974



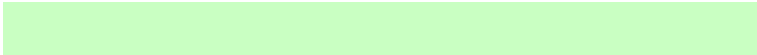
99.1164, 87.8325, 135.7434



96.5120, 87.8325, 59.3090

Rectangle

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



69.5850, 87.8325, 64.3248



65.9015, 87.8325, 105.4743



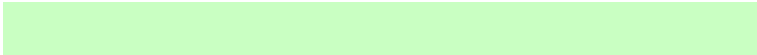
99.1164, 87.8325, 135.7434



103.9406, 87.8325, 86.4269

Sweetspot

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



69.5856, 87.8328, 64.3262



86.7315, 96.0284, 94.1998



84.5095, 92.2184, 64.3861



18.4179, 20.4842, 19.9054



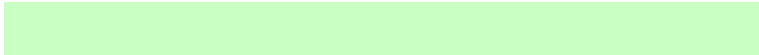
0.0000, 0.0000, 0.0000



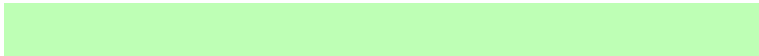
20.3446, 21.4041, 23.3091

Same Dimension

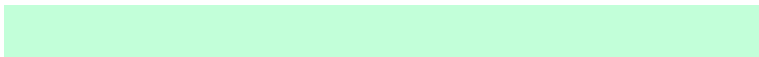
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5856, 87.8328, 64.3262



65.2249, 85.7456, 56.8558



70.5832, 88.0194, 79.1776



17.9651, 20.2679, 19.1096



19.0150, 37.5407, 6.2439



1.9109, 3.6859, 0.6107

Inverse Universe

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



76.0540, 65.7612, 103.2924



72.7709, 59.9741, 102.3485



75.0435, 65.6491, 84.7757



18.5754, 18.1883, 22.7816



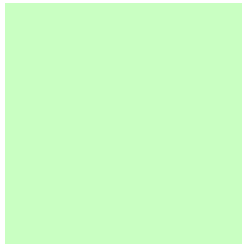
25.8593, 12.2415, 50.4345



2.5736, 1.2207, 4.9132

Previews

White Background



This preview shows how the XYZ color 69.5850, 87.8325, 64.3248 looks on a white background.

Color Contrast Check

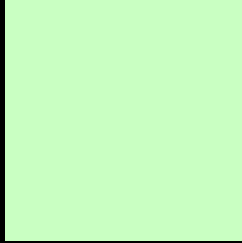
Large Text (above 18pt) WCAG AA × Fail

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 69.5850, 87.8325, 64.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

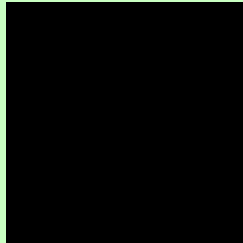
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

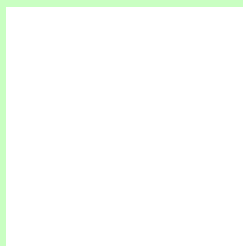
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5850, 87.8325, 64.3248

Background



This preview shows how black text looks on a background with the XYZ color 69.5850, 87.8325, 64.3248.



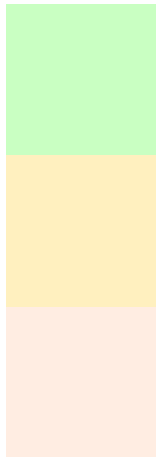
This preview shows how white text looks on a background with the XYZ color 69.5850, 87.8325,

64.3248.

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

69.5850, 87.8325, 64.3248

Protanopia

81.8041, 87.3418, 61.8373

Deuteranopia

85.2517, 87.3194, 84.3126



Tritanopia

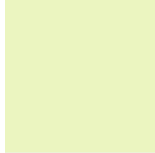
81.1519, 87.3287, 107.1867

Trichromacy



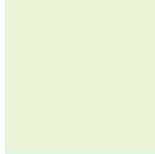
Original Color

69.5850, 87.8325, 64.3248



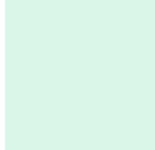
Protanomaly

76.4278, 86.7728, 62.5898



Deuteranomaly

78.7492, 87.2186, 76.3027



Tritanomaly

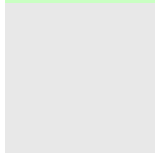
76.2876, 87.0037, 89.8634

Monochromacy



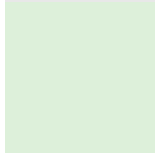
Original Color

69.5850, 87.8325, 64.3248



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

73.6338, 82.7543, 78.4219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5850, 87.8325, 64.3248 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(201, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 194)  
}
```

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(201, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 194) }
```

Border

The CSS property to change the border of an element to XYZ 69.5850, 87.8325, 64.3248 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(201, 255, 194) }
```


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

```
.border{ border-color:rgb(201, 255, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5850, 87.8325, 64.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 194) }
```

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

```
.background{ background-color: rgb(201,  
255, 194) }
```

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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