

Converting Colors

XYZ(67.8251, 86.9279, 64.1252)

Have a look what the booklet for
XYZ(67.8251, 86.9279, 64.1252)
contains.

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Color

**XYZ(67.7457, 86.8844,
64.2387)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FFC2
RGB	194, 255, 194
RGB Percent	76%, 100%, 76%
CMY	0.2392, 0.0000, 0.2392
CMYK	0.24, 0.00, 0.24, 0.00
HSL	120°, 100%, 88%
HSV	120°, 24%, 100%
XYZ	67.7457, 86.8844, 64.2387
YIQ	229.8070, -16.7750, -31.9030

Conversions

Conversions Part 2

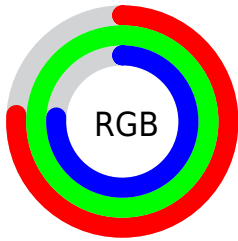
Format	Color
RYB	194, 255, 255
Decimal	12779458
CIELab	94.69, -30.48, 23.10
CIELCh	95, 38.242, 142.837
Yxy	86.8844, 0.3095, 0.3970
Android (android.graphics.Color)	4290969538 (0xFFC2FFC2)
YUV	229.8070, -17.6529, -31.4027
Hunter-Lab	93.2118, -33.3881, 24.3874

Details

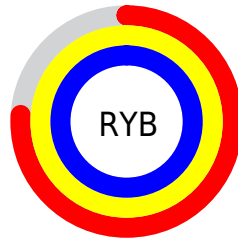
The XYZ color **67.7457, 86.8844, 64.2387** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.5818, 67.0640, 103.4097**, and the grayscale version is **75.2059, 79.1224, 86.1643**.

A 20% lighter version of the original color is **92.9562, 98.9943, 105.4753**, and **35.5752, 47.7706, 32.1566** is the 20% darker color. If you saturate the color by 10%, you get **59.1302, 82.7459, 50.1469**, and if you desaturate by 10%, it is **77.9768, 91.7988, 80.9738**.

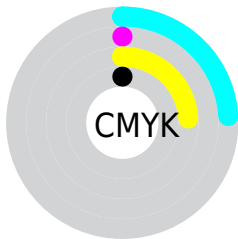
Distribution



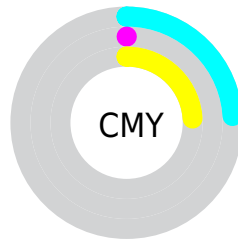
- Red (76%)
- Green (100%)
- Blue (76%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.7457, 86.8844, 64.2387 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 67.7457, 86.8844, 64.2387 by changing the saturation by 10% instead.


 67.7457, 86.8844,
64.2387

 67.7457, 86.8844,
64.2387


441.9854,
517.8429, 458.2822

 49.9638, 65.3995,
46.3966


 115.0322,
143.0030, 112.5574

 35.6023, 47.7851,
32.2080


145.2675,
178.4055, 143.8711

 24.2959, 33.6568,
21.2543


180.3846,
219.2161, 180.5124

 15.6792, 22.6300,
13.1169

220.7489,
265.8191, 222.8999

 9.3868, 14.3206,
7.3775

266.7258,
318.5988, 271.4521

 5.0535, 8.3440,
3.6173

318.6806,

 2.3137, 4.3158,

377.9398, 326.5875

1.4178

376.9787,
444.2264, 388.7247

■ 0.8017, 1.8518,
0.1556

■ 0.0000, 0.5191,
0.0000

■ 67.7457, 86.8844,
64.2387

■ 67.7457, 86.8844,
64.2387

■ 59.1302, 82.7459,
50.1469

■ 77.9768, 91.7988,
80.9738

■ 52.0460, 79.3430,
38.5595

■ 89.8982, 97.5253,
100.4733

■ 46.4042, 76.6329,
29.3312

■ 95.0500, 100.0000,
108.9000

■ 42.1057, 74.5681,
22.3001

■ 39.0390, 73.0951,
17.2838

■ 37.0748, 72.1516,
14.0709

■ 36.0551, 71.6618,
12.4029

■ 35.7600, 71.5200,
11.9201

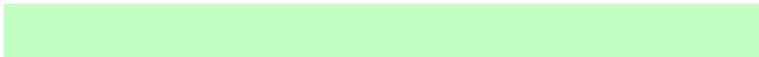
Harmonies

Analogous

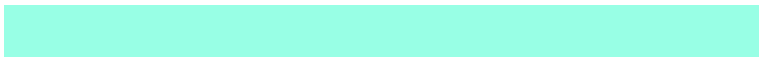
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1116, 86.8844, 51.2737



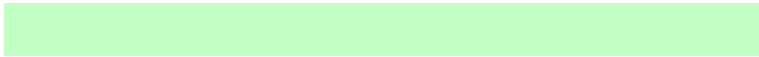
67.7457, 86.8844, 64.2387



64.4041, 86.8844, 87.6865

Triad

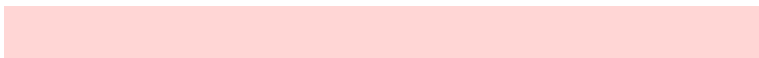
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.7457, 86.8844, 64.2387



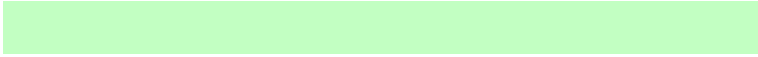
80.1295, 86.8844, 162.9901



102.2669, 86.8844, 74.2029

Complementary

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



67.7457, 86.8844, 64.2387



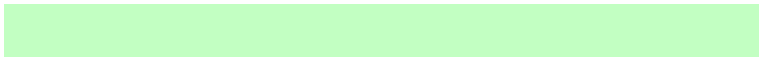
78.5818, 67.0640, 103.4097

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.



103.8917, 86.8844, 101.8726



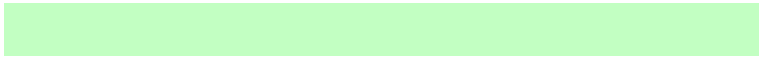
67.7457, 86.8844, 64.2387



90.5300, 86.8844, 157.2893

Square

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



67.7457, 86.8844, 64.2387



71.1569, 86.8844, 147.5451



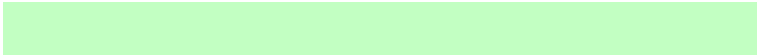
99.4379, 86.8844, 133.2831



95.1668, 86.8844, 56.1338

Rectangle

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



67.7457, 86.8844, 64.2387



64.6937, 86.8844, 107.8081



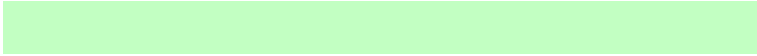
99.4379, 86.8844, 133.2831



103.4945, 86.8844, 82.5216

Sweetspot

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



67.7463, 86.8846, 64.2400



86.0432, 95.6736, 94.1679



86.7377, 96.6751, 65.1281



18.2592, 20.4024, 19.8980



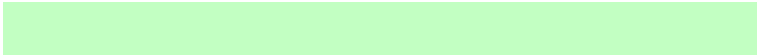
0.0000, 0.0000, 0.0000



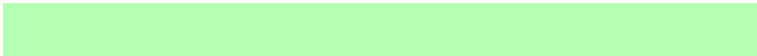
20.3446, 21.4041, 23.3091

Same Dimension

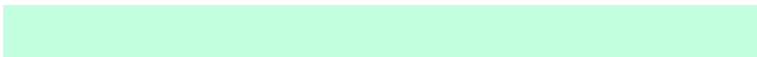
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.7463, 86.8846, 64.2400



63.1736, 84.6881, 56.7606



71.5310, 88.3985, 84.1700



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.



78.5818, 67.0640, 103.4097



75.8238, 61.5480, 102.4902



74.0546, 65.2531, 79.5694



18.7927, 18.3004, 22.7917



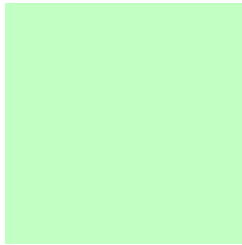
30.9799, 14.8813, 50.6720



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 67.7457, 86.8844, 64.2387 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 67.7457, 86.8844, 64.2387 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

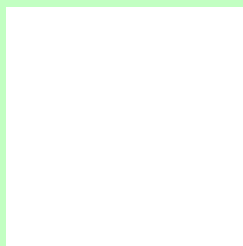
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.7457, 86.8844, 64.2387

Background



This preview shows how black text looks on a background with the XYZ color 67.7457, 86.8844, 64.2387.



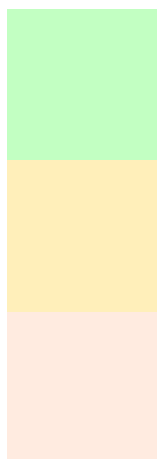
This preview shows how white text looks on a background with the XYZ color 67.7457, 86.8844,

64.2387.

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

67.7457, 86.8844, 64.2387

Protanopia

80.9694, 86.5382, 58.8904

Deuteranopia

84.4029, 86.0585, 82.6834



Tritanopia

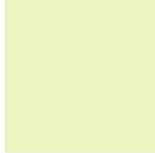
79.6158, 86.5368, 107.1148

Trichromacy



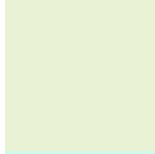
Original Color

67.7457, 86.8844, 64.2387



Protanomaly

75.4420, 86.3026, 60.8260



Deuteranomaly

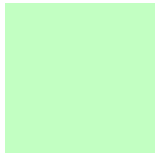
77.3666, 85.6320, 75.4018



Tritanomaly

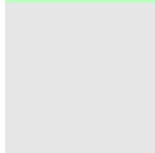
74.8327, 86.2536, 89.7953

Monochromacy



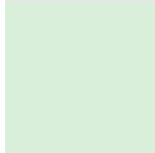
Original Color

67.7457, 86.8844, 64.2387



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

72.0062, 81.4945, 77.5805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7457, 86.8844, 64.2387 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(194, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 255, 194) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 67.7457, 86.8844, 64.2387 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(194, 255, 194) }
```


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

```
.border{ border-color:rgb(194, 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(194, 255, 194)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 67.7457, 86.8844, 64.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(194,  
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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