

Converting Colors

XYZ(67.2191, 86.7016, 60.2077)

Have a look what the booklet for
XYZ(67.2191, 86.7016, 60.2077)
contains.

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Color

**XYZ(67.2353, 86.7100,
60.2067)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FFBB
RGB	195, 255, 187
RGB Percent	76%, 100%, 73%
CMY	0.2353, 0.0000, 0.2667
CMYK	0.24, 0.00, 0.27, 0.00
HSL	113°, 100%, 87%
HSV	113°, 27%, 100%
XYZ	67.2353, 86.7100, 60.2067
YIQ	229.3080, -13.9320, -33.8680

Conversions

Conversions Part 2

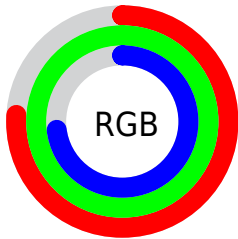
Format	Color
RYB	187, 255, 247
Decimal	12844987
CIELab	94.62, -31.28, 26.56
CIELCh	95, 41.035, 139.667
Yxy	86.7100, 0.3140, 0.4049
Android (android.graphics.Color)	4291035067 (0xFFC3FFBB)
YUV	229.3080, -20.8578, -30.0881
Hunter-Lab	93.1182, -34.0723, 26.8481

Details

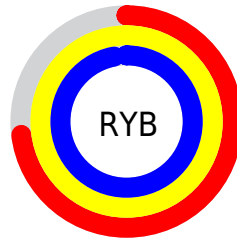
The XYZ color **67.2353, 86.7100, 60.2067** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.1790, 62.5360, 102.7687**, and the grayscale version is **74.8587, 78.7572, 85.7666**.

A 20% lighter version of the original color is **92.0825, 98.6865, 98.9892**, and **35.2429, 47.6571, 29.5315** is the 20% darker color. If you saturate the color by 10%, you get **59.3608, 82.9384, 46.8310**, and if you desaturate by 10%, it is **76.4717, 91.1275, 76.1790**.

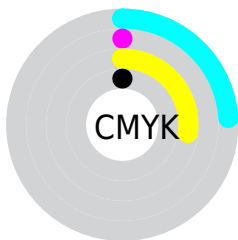
Distribution



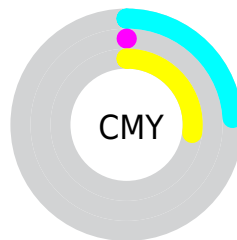
- Red (76%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (97%)



- Cyan (24%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2353, 86.7100, 60.2067 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 67.2353, 86.7100, 60.2067 by changing the saturation by 10% instead.

67.2353, 86.7100,
60.2067

67.2353, 86.7100,
60.2067

440.2012,
517.2695, 443.1850

49.5473, 65.2552,
43.1589

114.3054,
142.7599, 106.6758

35.2701, 47.6681,
29.6775

144.4183,
178.1238, 136.9341

24.0385, 33.5641,
19.3439

179.4034,
218.8928, 172.4330

15.4871, 22.5589,
11.7397

219.6262,
265.4514, 213.5910

9.2505, 14.2682,
6.4463

265.4520,
318.1840, 260.8267

4.9633, 8.3074,
3.0452

317.2462,

2.2603, 4.2923,

377.4750, 314.5585

1.1178

375.3742,
443.7086, 375.2051

■ 0.7742, 1.8384,
0.0000

■ 0.0000, 0.5109,
0.0000

■ 67.2353, 86.7100,
60.2067

■ 67.2353, 86.7100,
60.2067

■ 59.3608, 82.9384,
46.8310

■ 76.4717, 91.1275,
76.1790

■ 52.7818, 79.7817,
35.9109

■ 87.1287, 96.2188,
94.8706

■ 47.4289, 77.2073,
27.2984

95.0500, 100.0000,
108.9000

■ 43.2254, 75.1791,
20.8276

■ 40.0857, 73.6573,
16.3109

■ 37.9122, 72.5961,
13.5278

■ 36.5875, 71.9412,
12.2018

■ 36.2953, 71.7960,
11.9451

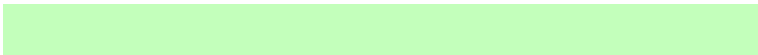
Harmonies

Analogous

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



75.4593, 86.7100, 47.8675



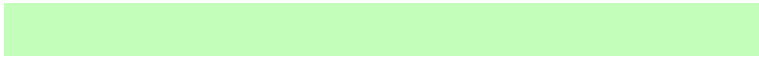
67.2353, 86.7100, 60.2067



63.2037, 86.7100, 83.8974

Triad

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



67.2353, 86.7100, 60.2067



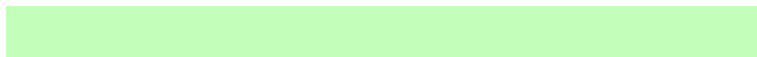
78.6569, 86.7100, 167.9517



104.1209, 86.7100, 75.3521

Complementary

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



67.2353, 86.7100, 60.2067



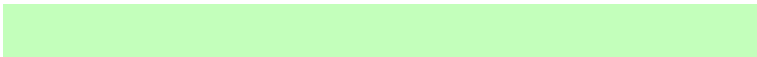
74.1790, 62.5360, 102.7687

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.



105.1717, 86.7100, 105.7714



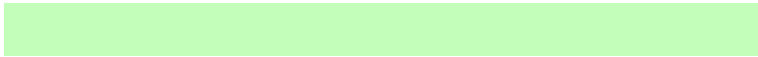
67.2353, 86.7100, 60.2067



89.7861, 86.7100, 164.2119

Square

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



67.2353, 86.7100, 60.2067



69.3956, 86.7100, 148.9038



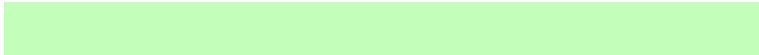
99.7236, 86.7100, 139.6041



96.9693, 86.7100, 55.1599

Rectangle

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



67.2353, 86.7100, 60.2067



63.1677, 86.7100, 105.0196



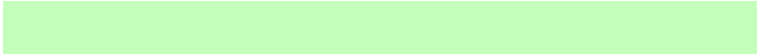
99.7236, 86.7100, 139.6041



105.2223, 86.7100, 84.5448

Sweetspot

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



67.2358, 86.7102, 60.2080



85.6226, 95.4995, 92.2151



83.1455, 90.7191, 60.1433



17.9700, 20.2704, 19.1098



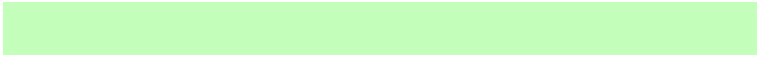
0.0000, 0.0000, 0.0000



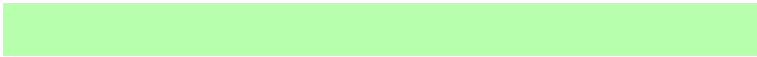
20.3446, 21.4041, 23.3091

Same Dimension

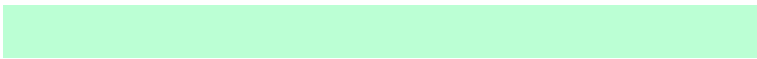
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.2358, 86.7102, 60.2080



62.8697, 84.6198, 52.7581



68.1295, 86.8353, 75.4143



17.9700, 20.2704, 19.1098



19.0273, 37.5470, 6.2445



1.9132, 3.6870, 0.6108

Inverse Universe

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



74.1790, 62.5360, 102.7687



70.8667, 56.7455, 101.8256



73.3032, 62.5186, 83.1164



18.5699, 18.1855, 22.7814



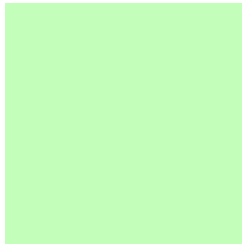
25.7407, 12.1803, 50.4289



2.5633, 1.2153, 4.9128

Previews

White Background



This preview shows how the XYZ color 67.2353, 86.7100, 60.2067 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 67.2353, 86.7100, 60.2067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

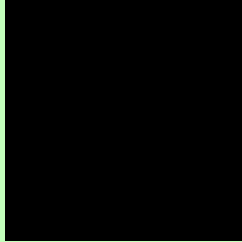
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2353, 86.7100, 60.2067

Background



This preview shows how black text looks on a background with the XYZ color 67.2353, 86.7100, 60.2067.

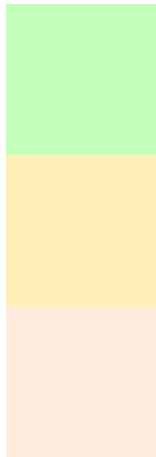


This preview shows how white text looks on a background with the XYZ color 67.2353, 86.7100,

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

67.2353, 86.7100, 60.2067

Protanopia

80.2580, 85.7865, 56.5844

Deuteranopia

84.1331, 85.9506, 81.2631



Tritanopia

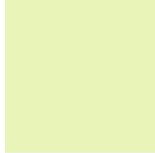
79.6158, 86.5368, 107.1148

Trichromacy



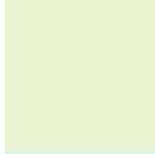
Original Color

67.2353, 86.7100, 60.2067



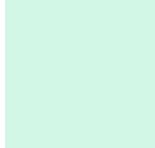
Protanomaly

74.6067, 85.4857, 57.9156



Deuteranomaly

76.8650, 85.4313, 72.7603



Tritanomaly

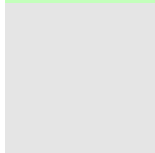
74.4077, 86.0836, 87.5570

Monochromacy



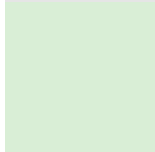
Original Color

67.2353, 86.7100, 60.2067



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

71.3274, 80.7558, 75.4464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2353, 86.7100, 60.2067 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(195, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 187)  
}
```

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(195, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 187) }
```

Border

The CSS property to change the border of an element to XYZ 67.2353, 86.7100, 60.2067 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(195, 255, 187) }
```


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

```
.border{ border-color:rgb(195, 255, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 255, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 255, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 255, 187); box-shadow:4px 4px 4px 4px rgb(195, 255, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2353, 86.7100, 60.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 187) }
```

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

```
.background{ background-color: rgb(195,  
255, 187) }
```

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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