

Converting Colors

XYZ(66.9329, 86.5504, 60.3569)

Have a look what the booklet for
XYZ(66.9329, 86.5504, 60.3569)
contains.

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Color

**XYZ(66.9778, 86.5772,
60.1947)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FFBB
RGB	194, 255, 187
RGB Percent	76%, 100%, 73%
CMY	0.2392, 0.0000, 0.2667
CMYK	0.24, 0.00, 0.27, 0.00
HSL	114°, 100%, 87%
HSV	114°, 27%, 100%
XYZ	66.9778, 86.5772, 60.1947
YIQ	229.0090, -14.5280, -34.0800

Conversions

Conversions Part 2

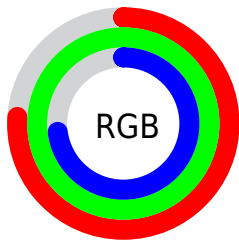
Format	Color
RYB	187, 255, 248
Decimal	12779451
CIELab	94.56, -31.61, 26.47
CIELCh	95, 41.228, 140.051
Yxy	86.5772, 0.3133, 0.4050
Android (android.graphics.Color)	4290969531 (0xFFC2FFBB)
YUV	229.0090, -20.7104, -30.7029
Hunter-Lab	93.0469, -34.3426, 26.7764

Details

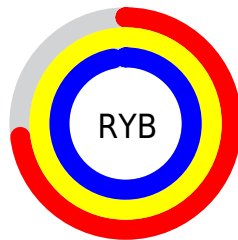
The XYZ color **66.9778, 86.5772, 60.1947** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.5326, 62.7183, 102.7853**, and the grayscale version is **74.6376, 78.5246, 85.5133**.

A 20% lighter version of the original color is **91.7213, 98.5003, 98.9722**, and **35.0752, 47.5706, 29.5237** is the 20% darker color. If you saturate the color by 10%, you get **59.0594, 82.7830, 46.8169**, and if you desaturate by 10%, it is **76.2857, 91.0317, 76.1703**.

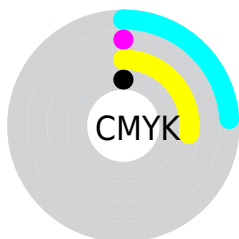
Distribution



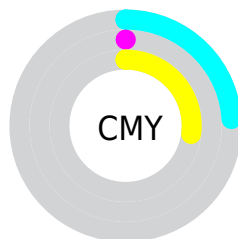
- Red (76%)
- Green (100%)
- Blue (73%)



- 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 66.9778, 86.5772, 60.1947 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 66.9778, 86.5772, 60.1947 by changing the saturation by 10% instead.

66.9778, 86.5772,
60.1947

66.9778, 86.5772,
60.1947

439.2995,
516.8325, 443.1396

49.3372, 65.1454,
43.1493

113.9386,
142.5747, 106.6582

35.1027, 47.5790,
29.6700

143.9895,
177.9091, 136.9133

23.9089, 33.4936,
19.3383

178.9079,
218.6466, 172.4088

15.3904, 22.5048,
11.7357

219.0591,
265.1714, 213.5631

9.1819, 14.2283,
6.4436

264.8085,
317.8680, 260.7948

4.9181, 8.2796,
3.0435

316.5215,

2.2336, 4.2744,

377.1208, 314.5224

1.1169

374.5633,
443.3142, 375.1645

■ 0.7603, 1.8282,
0.0000

■ 0.0000, 0.5047,
0.0000

■ 66.9778, 86.5772,
60.1947

■ 66.9778, 86.5772,
60.1947

■ 59.0594, 82.7830,
46.8169

■ 76.2857, 91.0317,
76.1703

■ 52.4622, 79.6169,
35.8960

■ 87.0440, 96.1751,
94.8667

■ 47.1142, 77.0450,
27.2837

■ 95.0500, 100.0000,
108.9000

■ 42.9361, 75.0300,
20.8141

■ 39.8392, 73.5302,
16.2993

■ 37.7218, 72.4980,
13.5189

■ 36.4621, 71.8766,
12.1960

■ 36.1923, 71.7429,
11.9402

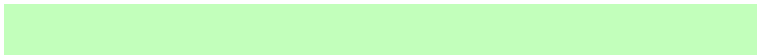
Harmonies

Analogous

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



75.1814, 86.5772, 47.6925



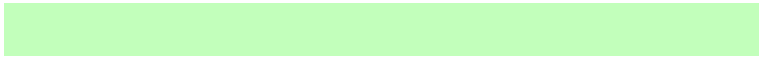
66.9778, 86.5772, 60.1947



62.9943, 86.5772, 84.0903

Triad

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



66.9778, 86.5772, 60.1947



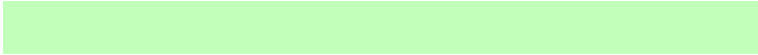
78.6540, 86.5772, 168.2606



104.0267, 86.5772, 74.8129

Complementary

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



66.9778, 86.5772, 60.1947



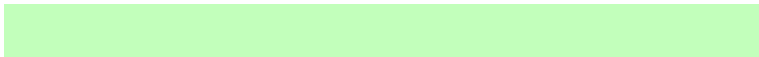
74.5326, 62.7183, 102.7853

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.



105.1690, 86.5772, 105.2351



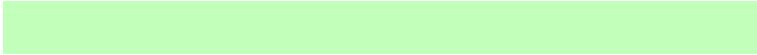
66.9778, 86.5772, 60.1947



89.8311, 86.5772, 164.1918

Square

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



66.9778, 86.5772, 60.1947



69.3230, 86.5772, 149.3641



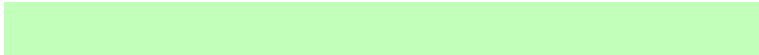
99.7721, 86.5772, 139.2499



96.7787, 86.5772, 54.7217

Rectangle

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



66.9778, 86.5772, 60.1947



62.9998, 86.5772, 105.3513



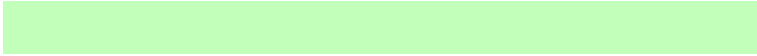
99.7721, 86.5772, 139.2499



105.1611, 86.5772, 83.9903

Sweetspot

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



66.9783, 86.5775, 60.1960



85.5225, 95.4479, 92.2104



83.4911, 91.4104, 60.2586



17.9450, 20.2576, 19.1086



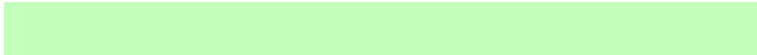
0.0000, 0.0000, 0.0000



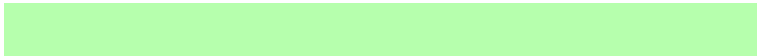
20.3446, 21.4041, 23.3091

Same Dimension

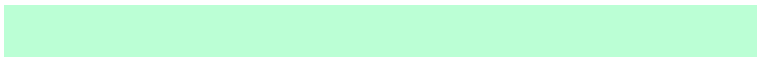
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.9783, 86.5775, 60.1960



62.5855, 84.4733, 52.7448



68.2730, 86.8927, 76.1697



17.9450, 20.2576, 19.1086



18.9675, 37.5162, 6.2417



1.9015, 3.6810, 0.6103

Inverse Universe

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



74.5326, 62.7183, 102.7853



71.2876, 56.9625, 101.8453



73.1445, 62.4551, 82.2805



18.5976, 18.1998, 22.7827



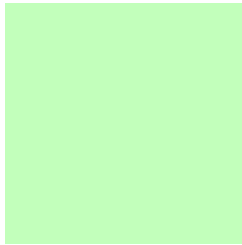
26.3495, 12.4941, 50.4574



2.6164, 1.2427, 4.9152

Previews

White Background



This preview shows how the XYZ color 66.9778, 86.5772, 60.1947 looks on a white background.

Color Contrast Check

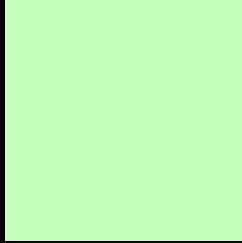
Large Text (above 18pt) WCAG AA × Fail

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 66.9778, 86.5772, 60.1947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

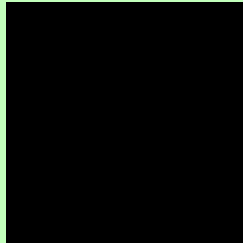
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

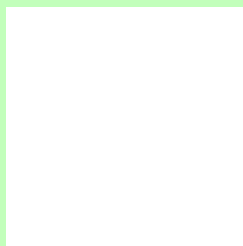
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9778, 86.5772, 60.1947

Background



This preview shows how black text looks on a background with the XYZ color 66.9778, 86.5772, 60.1947.

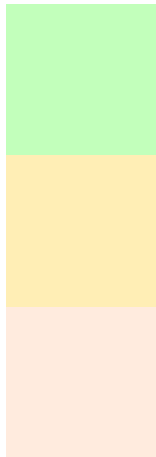


This preview shows how white text looks on a background with the XYZ color 66.9778, 86.5772,

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

66.9778, 86.5772, 60.1947

Protanopia

80.1550, 85.7453, 56.0419

Deuteranopia

84.1331, 85.9506, 81.2631



Tritanopia

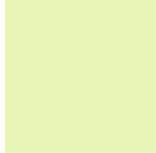
79.6158, 86.5368, 107.1148

Trichromacy



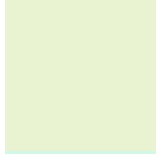
Original Color

66.9778, 86.5772, 60.1947



Protanomaly

74.5022, 85.4439, 57.3654



Deuteranomaly

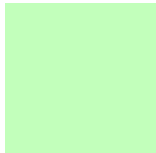
76.8650, 85.4313, 72.7603



Tritanomaly

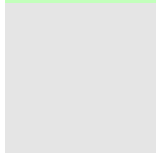
74.4077, 86.0836, 87.5570

Monochromacy



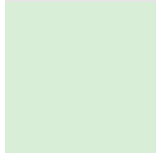
Original Color

66.9778, 86.5772, 60.1947



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

71.0310, 80.6030, 75.4325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9778, 86.5772, 60.1947 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 187) }
```

Border

The CSS property to change the border of an element to XYZ 66.9778, 86.5772, 60.1947 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, 187) }
```


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

```
.border{ border-color:rgb(194, 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(194, 255, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9778, 86.5772, 60.1947 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, 187) }
```

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

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