

Converting Colors

XYZ(66.7061, 86.2419, 69.0024)

Have a look what the booklet for
XYZ(66.7061, 86.2419, 69.0024)
contains.

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Color

**XYZ(66.6704, 86.2234,
69.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	BAFFCA
RGB	186, 255, 202
RGB Percent	73%, 100%, 79%
CMY	0.2706, 0.0000, 0.2078
CMYK	0.27, 0.00, 0.21, 0.00
HSL	134°, 100%, 86%
HSV	134°, 27%, 100%
XYZ	66.6704, 86.2234, 69.0060
YIQ	228.3270, -24.1110, -31.1110

Conversions

Conversions Part 2

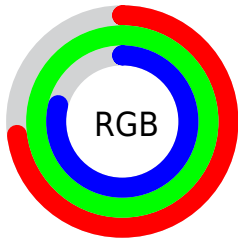
Format	Color
RYB	186, 242, 255
Decimal	12255178
CIELab	94.41, -31.64, 18.57
CIELCh	94, 36.683, 149.596
Yxy	86.2234, 0.3005, 0.3886
Android (android.graphics.Color)	4290445258 (0xFFBAFFCA)
YUV	228.3270, -12.9792, -37.1208
Hunter-Lab	92.8566, -34.3371, 20.9384

Details

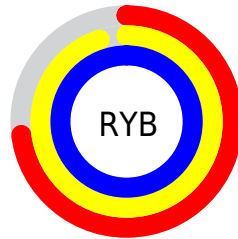
The XYZ color **66.6704, 86.2234, 69.0060** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.3792, 62.6105, 89.8258**, and the grayscale version is **74.0866, 77.9449, 84.8820**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **34.8995, 47.3516, 35.3173** is the 20% darker color. If you saturate the color by 10%, you get **58.8442, 82.4400, 57.2926**, and if you desaturate by 10%, it is **75.8977, 90.6950, 82.3243**.

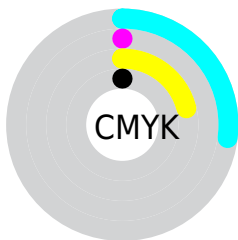
Distribution



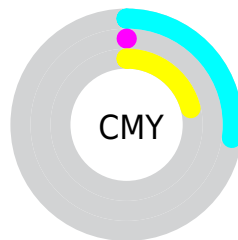
- Red (73%)
- Green (100%)
- Blue (79%)



- Red (73%)
- Yellow (95%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.6704, 86.2234, 69.0060 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 66.6704, 86.2234, 69.0060 by changing the saturation by 10% instead.


 66.6704, 86.2234,
69.0060

 66.6704, 86.2234,
69.0060


438.2216,
515.6676, 475.7466

 49.0865, 64.8527,
50.2448


 113.5004,
142.0812, 119.4579

 34.9029, 47.3417,
35.2354


143.4773,
177.3371, 151.9857

 23.7543, 33.3058,
23.5593


178.3158,
217.9902, 189.9395

 15.2752, 22.3608,
14.7978

218.3814,
264.4249, 233.7378

 9.1003, 14.1223,
8.5326

264.0395,
317.0256, 283.7991

 4.8643, 8.2058,
4.3450

315.6553,

 2.2018, 4.2269,

376.1767, 340.5420

1.8164

373.5942,
442.2625, 404.3850

■ 0.7437, 1.8013,
0.4388

■ 0.0000, 0.4880,
0.0000

■ 66.6704, 86.2234,
69.0060

■ 66.6704, 86.2234,
69.0060

■ 58.8442, 82.4400,
57.2926

■ 75.8977, 90.6950,
82.3243

■ 52.3475, 79.3093,
47.1192

■ 86.5890, 95.8862,
97.3007

■ 47.1049, 76.7936,
38.4229

95.0500, 100.0000,
108.9000

■ 43.0327, 74.8514,
31.1345

■ 40.0364, 73.4355,
25.1794

■ 38.0064, 72.4910,
20.4759

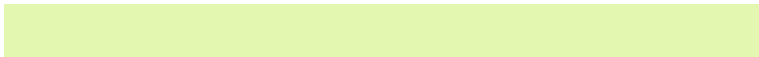
■ 36.8050, 71.9489,
16.9329

■ 36.5529, 71.8372,
16.0953

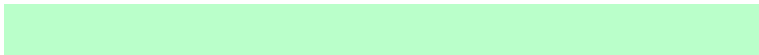
Harmonies

Analogous

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



72.9450, 86.2234, 54.1552



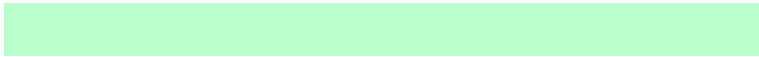
66.6704, 86.2234, 69.0060



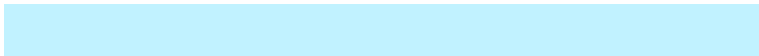
64.4252, 86.2234, 93.5000

Triad

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



66.6704, 86.2234, 69.0060



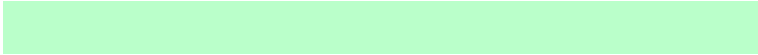
81.8191, 86.2234, 159.2862



99.5606, 86.2234, 69.5479

Complementary

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



66.6704, 86.2234, 69.0060



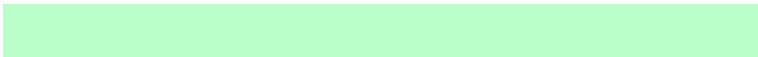
74.3792, 62.6105, 89.8258

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.



102.4017, 86.2234, 94.2663



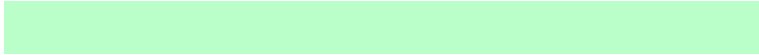
66.6704, 86.2234, 69.0060



91.6731, 86.2234, 149.4259

Square

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



66.6704, 86.2234, 69.0060



72.7309, 86.2234, 148.9042



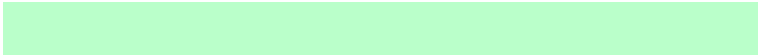
99.4084, 86.2234, 124.1171



91.9230, 86.2234, 54.4211

Rectangle

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



66.6704, 86.2234, 69.0060



65.3643, 86.2234, 113.2870



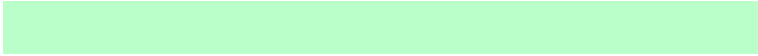
99.4084, 86.2234, 124.1171



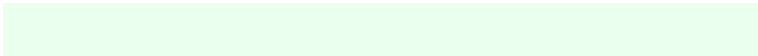
101.1342, 86.2234, 76.8311

Sweetspot

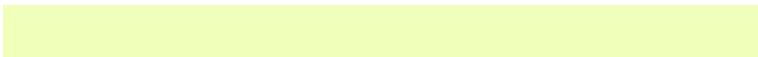
The Sweet Spot groups the original color and five complimentary colors.



66.6710, 86.2237, 69.0074



85.5179, 95.3657, 95.8179



80.5754, 93.5993, 60.2750



17.9441, 20.2372, 20.0087



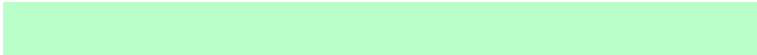
0.0000, 0.0000, 0.0000



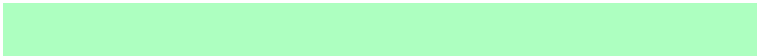
20.3446, 21.4041, 23.3091

Same Dimension

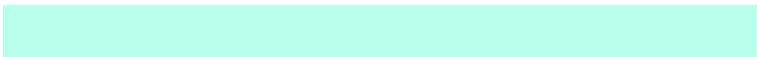
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6710, 86.2237, 69.0074



62.6324, 84.2700, 63.0215



71.0707, 87.9836, 92.1756



17.9441, 20.2372, 20.0087



19.1466, 37.5552, 8.6573



1.9040, 3.6725, 1.0524

Inverse Universe

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



74.3792, 62.6105, 89.8258



71.4119, 57.3614, 86.7238



69.8854, 60.8130, 66.1618



18.6019, 18.2241, 21.7866



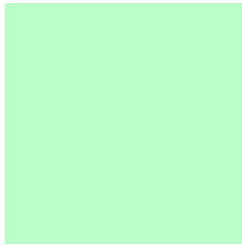
26.8074, 13.2122, 28.6999



2.6518, 1.3031, 3.0138

Previews

White Background



This preview shows how the XYZ color 66.6704, 86.2234, 69.0060 looks on a white background.

Color Contrast Check

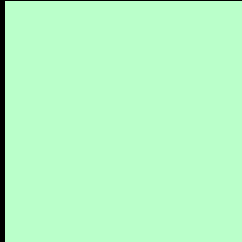
Large Text (above 18pt) WCAG AA × Fail

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 66.6704, 86.2234, 69.0060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

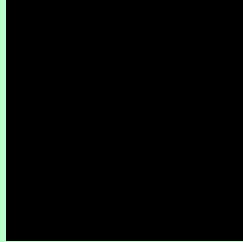
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

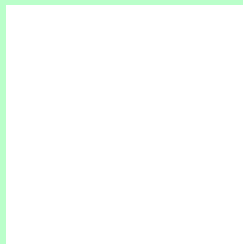
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.6704, 86.2234, 69.0060

Background



This preview shows how black text looks on a background with the XYZ color 66.6704, 86.2234, 69.0060.



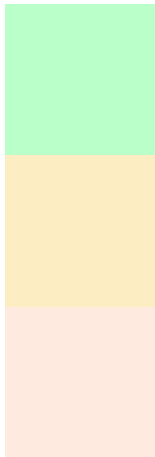
This preview shows how white text looks on a background with the XYZ color 66.6704, 86.2234,

69.0060.

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

66.6704, 86.2234, 69.0060

Protanopia

80.4570, 85.7396, 63.3478

Deuteranopia

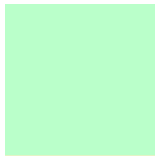
84.1174, 85.4875, 82.5883



Tritanopia

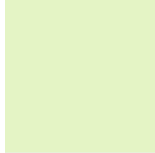
78.4195, 85.9201, 107.0588

Trichromacy



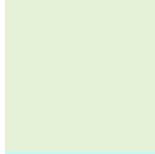
Original Color

66.6704, 86.2234, 69.0060



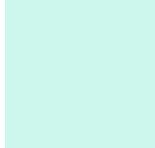
Protanomaly

74.4236, 85.2266, 65.3512



Deuteranomaly

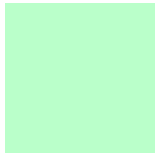
76.7799, 85.2851, 77.3807



Tritanomaly

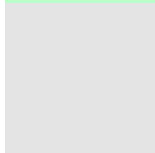
73.5779, 85.5568, 91.9930

Monochromacy



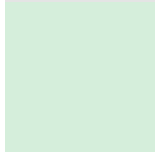
Original Color

66.6704, 86.2234, 69.0060



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.8013, 80.4097, 78.8068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6704, 86.2234, 69.0060 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(186, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 202)  
}
```

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(186, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 202) }
```

Border

The CSS property to change the border of an element to XYZ 66.6704, 86.2234, 69.0060 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(186, 255, 202) }
```


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

```
.border{ border-color:rgb(186, 255, 202) }
```

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

Here you see how a box with a 4 pixel rgb(186, 255, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6704, 86.2234, 69.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 202) }
```

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

```
.background{ background-color: rgb(186,  
255, 202) }
```

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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