

Converting Colors

XYZ(66.9144, 86.1970, 75.8938)

Have a look what the booklet for
XYZ(66.9144, 86.1970, 75.8938)
contains.

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Color

**XYZ(67.0616, 86.2692,
76.0679)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FFD5
RGB	182, 255, 213
RGB Percent	71%, 100%, 84%
CMY	0.2863, 0.0000, 0.1647
CMYK	0.29, 0.00, 0.16, 0.00
HSL	145°, 100%, 86%
HSV	145°, 29%, 100%
XYZ	67.0616, 86.2692, 76.0679
YIQ	228.3850, -30.0260, -28.5380

Conversions

Conversions Part 2

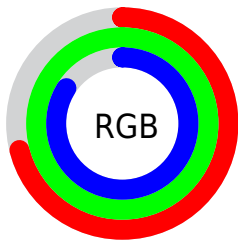
Format	Color
RYB	182, 233, 255
Decimal	11993045
CIELab	94.43, -30.86, 12.93
CIELCh	94, 33.454, 157.267
Yxy	86.2692, 0.2923, 0.3761
Android (android.graphics.Color)	4290183125 (0xFFB6FFD5)
YUV	228.3850, -7.5848, -40.6796
Hunter-Lab	92.8812, -33.6625, 16.4595

Details

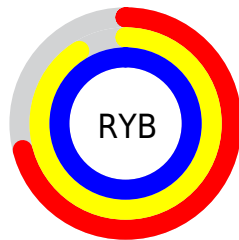
The XYZ color **67.0616, 86.2692, 76.0679** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.4228, 60.0984, 78.3565**, and the grayscale version is **74.0939, 77.9526, 84.8904**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **35.1180, 47.3688, 39.6399** is the 20% darker color. If you saturate the color by 10%, you get **59.7989, 82.7306, 66.4435**, and if you desaturate by 10%, it is **75.5907, 90.4411, 86.6338**.

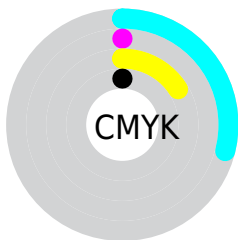
Distribution



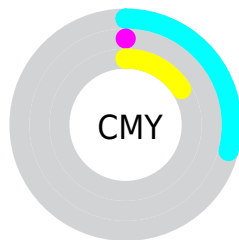
- Red (71%)
- Green (100%)
- Blue (84%)



- Red (71%)
- Yellow (91%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0616, 86.2692, 76.0679 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 67.0616, 86.2692, 76.0679 by changing the saturation by 10% instead.


 67.0616, 86.2692,
76.0679

 67.0616, 86.2692,
76.0679


439.5930,
515.8184, 500.9331

 49.4056, 64.8906,
55.9812


 114.0580,
142.1451, 129.5838

 35.1572, 47.3724,
39.7840


144.1290,
177.4112, 163.8502

 23.9511, 33.3301,
27.0576


179.0692,
218.0752, 203.6801

 15.4219, 22.3795,
17.3837

219.2437,
264.5216, 249.4922

 9.2042, 14.1360,
10.3436

265.0180,
317.1347, 301.7051

 4.9328, 8.2153,
5.5188

316.7574,

 2.2422, 4.2330,

376.2990, 360.7371

2.4907

374.8273,
442.3987, 427.0070

0.7649, 1.8048,
0.8352

0.0000, 0.4901,
0.0000

67.0616, 86.2692,
76.0679

67.0616, 86.2692,
76.0679

59.7989, 82.7306,
66.4435

75.5907, 90.4411,
86.6338

53.7365, 79.7919,
57.7301

85.4435, 95.2754,
98.1620

48.8053, 77.4179,
49.9018

95.0500, 100.0000,
108.9000

44.9277, 75.5693,
42.9296

■ 42.0161, 74.2013,
36.7828

■ 39.9669, 73.2613,
31.4287

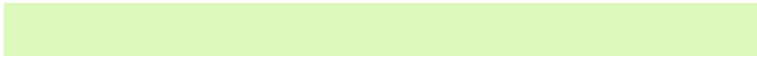
■ 38.6350, 72.6751,
26.8308

■ 38.4823, 72.6089,
26.2555

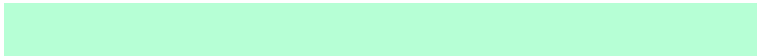
Harmonies

Analogous

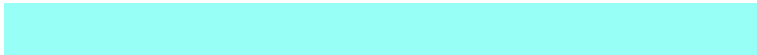
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.9664, 86.2692, 59.7808



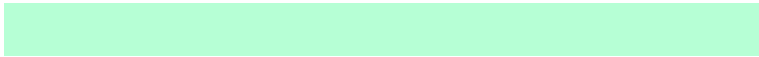
67.0616, 86.2692, 76.0679



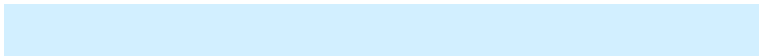
66.0139, 86.2692, 100.3360

Triad

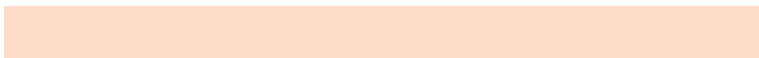
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.0616, 86.2692, 76.0679



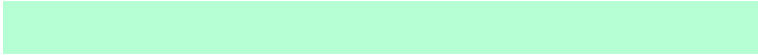
84.2027, 86.2692, 152.1081



96.5393, 86.2692, 67.0268

Complementary

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



67.0616, 86.2692, 76.0679



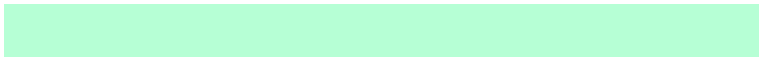
71.4228, 60.0984, 78.3565

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.



100.3701, 86.2692, 87.8074



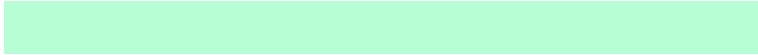
67.0616, 86.2692, 76.0679



92.9172, 86.2692, 139.1046

Square

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



67.0616, 86.2692, 76.0679



75.4949, 86.2692, 147.4016



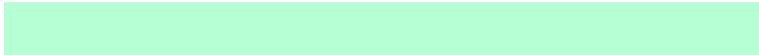
98.9984, 86.2692, 114.3956



88.8606, 86.2692, 55.2654

Rectangle

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



67.0616, 86.2692, 76.0679



67.5684, 86.2692, 118.4921



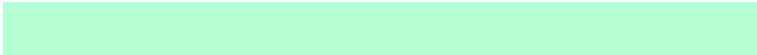
98.9984, 86.2692, 114.3956



98.3444, 86.2692, 73.0250

Sweetspot

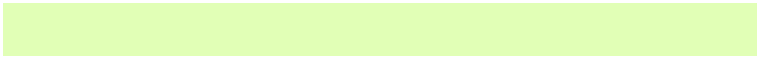
The Sweet Spot groups the original color and five complimentary colors.



67.0623, 86.2695, 76.0693



85.0514, 95.0827, 97.7142



75.1255, 90.8382, 57.8309



17.8812, 20.1928, 20.5440



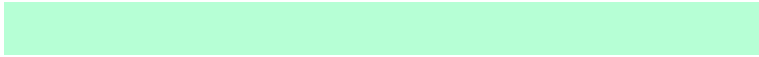
0.0000, 0.0000, 0.0000



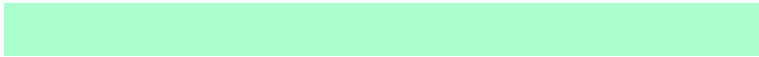
20.3446, 21.4041, 23.3091

Same Dimension

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



67.0623, 86.2695, 76.0693



63.0062, 84.2913, 70.7821



72.1377, 88.2997, 102.7960



18.0917, 20.2962, 20.7857



20.1788, 37.9681, 14.0927



2.0180, 3.7181, 1.6526

Inverse Universe

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



71.4228, 60.0984, 78.3565



67.9767, 54.4476, 73.3805



67.0546, 58.3511, 55.3537



18.4475, 18.1623, 20.9735



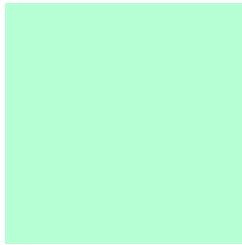
24.3650, 12.2353, 15.8383



2.4270, 1.2132, 1.8301

Previews

White Background



This preview shows how the XYZ color 67.0616, 86.2692, 76.0679 looks on a white background.

Color Contrast Check

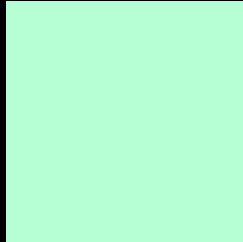
Large Text (above 18pt) WCAG AA × Fail

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 67.0616, 86.2692, 76.0679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

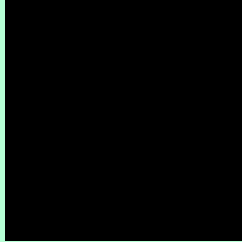
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0616, 86.2692, 76.0679

Background



This preview shows how black text looks on a background with the XYZ color 67.0616, 86.2692, 76.0679.

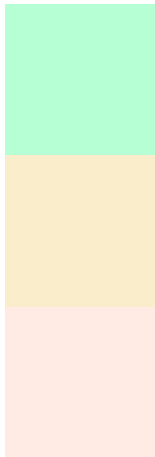


This preview shows how white text looks on a background with the XYZ color 67.0616, 86.2692,

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

67.0616, 86.2692, 76.0679

Protanopia

80.6076, 85.2520, 69.3335

Deuteranopia

84.6664, 85.7071, 85.4795



Tritanopia

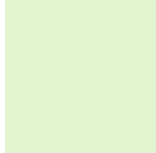
77.8321, 85.6173, 107.0313

Trichromacy



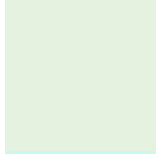
Original Color

67.0616, 86.2692, 76.0679



Protanomaly

74.6645, 85.2139, 71.5442



Deuteranomaly

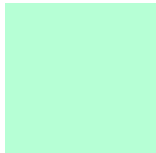
77.0663, 85.3260, 82.2198



Tritanomaly

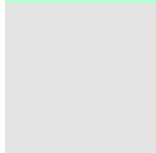
73.3461, 85.3694, 95.0503

Monochromacy



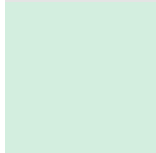
Original Color

67.0616, 86.2692, 76.0679



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.7578, 80.3257, 81.5871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0616, 86.2692, 76.0679 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(182, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 213)  
}
```

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(182, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 213) }
```

Border

The CSS property to change the border of an element to XYZ 67.0616, 86.2692, 76.0679 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(182, 255, 213) }
```


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

```
.border{ border-color:rgb(182, 255, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0616, 86.2692, 76.0679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 213) }
```

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

```
.background{ background-color: rgb(182,  
255, 213) }
```

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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