

Converting Colors

XYZ(66.7896, 86.2153, 72.1525)

Have a look what the booklet for
XYZ(66.7896, 86.2153, 72.1525)
contains.

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Color

**XYZ(66.7896, 86.2153,
72.1525)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FFCF
RGB	184, 255, 207
RGB Percent	72%, 100%, 81%
CMY	0.2784, 0.0000, 0.1882
CMYK	0.28, 0.00, 0.19, 0.00
HSL	139°, 100%, 86%
HSV	139°, 28%, 100%
XYZ	66.7896, 86.2153, 72.1525
YIQ	228.2990, -26.9080, -29.9800

Conversions

Conversions Part 2

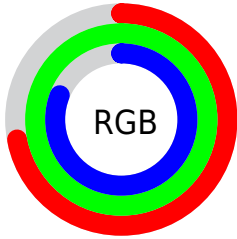
Format	Color
RYB	184, 238, 255
Decimal	12124111
CIELab	94.40, -31.36, 15.99
CIElCh	94, 35.199, 152.987
Yxy	86.2153, 0.2966, 0.3829
Android (android.graphics.Color)	4290314191 (0xFFB8FFCF)
YUV	228.2990, -10.5004, -38.8502
Hunter-Lab	92.8522, -34.0943, 18.9242

Details

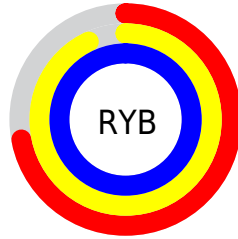
The XYZ color **66.7896, 86.2153, 72.1525** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.9463, 61.3678, 84.3441**, and the grayscale version is **74.0499, 77.9063, 84.8400**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **34.9971, 47.3552, 37.4329** is the 20% darker color. If you saturate the color by 10%, you get **59.2278, 82.5474, 61.3911**, and if you desaturate by 10%, it is **75.6840, 90.5435, 84.1803**.

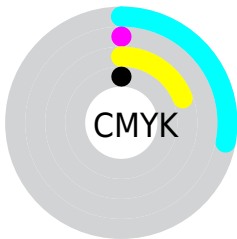
Distribution



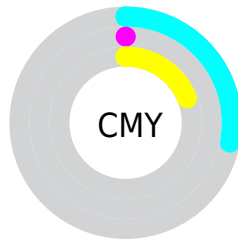
- Red (72%)
- Green (100%)
- Blue (81%)



- Red (72%)
- Yellow (93%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7896, 86.2153, 72.1525 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 66.7896, 86.2153, 72.1525 by changing the saturation by 10% instead.


 66.7896, 86.2153,
72.1525

 66.7896, 86.2153,
72.1525


438.6397,
515.6409, 487.0640

 49.1837, 64.8460,
52.7957


 113.6703,
142.0699, 123.9831

 34.9804, 47.3362,
37.2531


143.6759,
177.3240, 157.2939

 23.8142, 33.3015,
25.1062


178.5454,
217.9752, 196.0931

 15.3198, 22.3575,
15.9364

218.6443,
264.4078, 240.7992

 9.1319, 14.1199,
9.3253

264.3378,
317.0063, 291.8308

 4.8851, 8.2041,
4.8543

315.9913,

 2.2141, 4.2258,

376.1551, 349.6065

2.1048

373.9701,
442.2384, 414.5447

■ 0.7502, 1.8007,
0.6186

■ 0.0000, 0.4876,
0.0000

■ 66.7896, 86.2153,
72.1525

■ 66.7896, 86.2153,
72.1525

■ 59.2278, 82.5474,
61.3911

■ 75.6840, 90.5435,
84.1803

■ 52.9300, 79.5054,
51.8504

■ 85.9705, 95.5621,
97.5099

■ 47.8242, 77.0531,
43.4880

95.0500, 100.0000,
108.9000

■ 43.8306, 75.1502,
36.2575

■ 40.8584, 73.7510,
30.1090

■ 38.8019, 72.8020,
24.9890

■ 37.5218, 72.2327,
20.8383

■ 37.3063, 72.1385,
20.0626

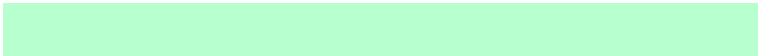
Harmonies

Analogous

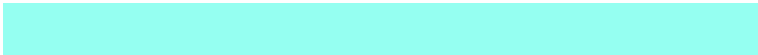
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.4385, 86.2153, 56.6181



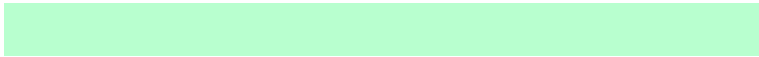
66.7896, 86.2153, 72.1525



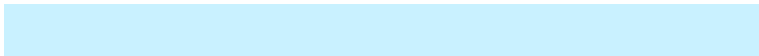
65.0948, 86.2153, 96.6137

Triad

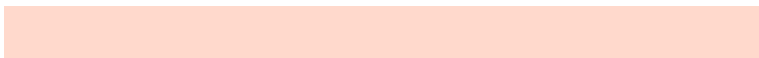
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.7896, 86.2153, 72.1525



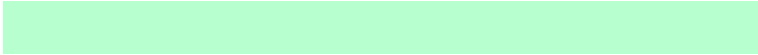
82.8963, 86.2153, 156.0727



98.1628, 86.2153, 68.2800

Complementary

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



66.7896, 86.2153, 72.1525



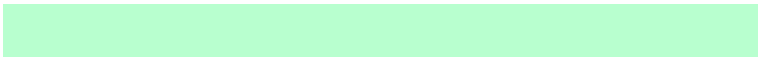
72.9463, 61.3678, 84.3441

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.



101.4778, 86.2153, 91.1862



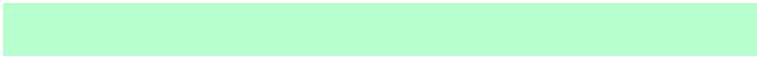
66.7896, 86.2153, 72.1525



92.2489, 86.2153, 144.6795

Square

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



66.7896, 86.2153, 72.1525



73.9608, 86.2153, 148.3306



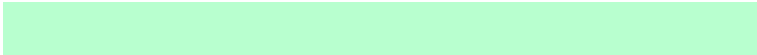
99.2355, 86.2153, 119.5680



90.4842, 86.2153, 54.7029

Rectangle

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



66.7896, 86.2153, 72.1525



66.3197, 86.2153, 115.7144



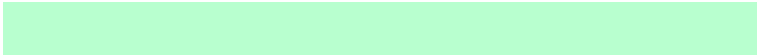
99.2355, 86.2153, 119.5680



99.8500, 86.2153, 74.9704

Sweetspot

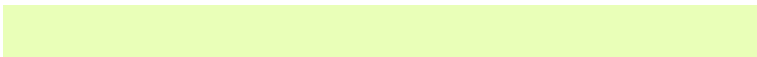
The Sweet Spot groups the original color and five complimentary colors.



66.7903, 86.2156, 72.1539



85.7974, 95.4775, 97.2896



77.8588, 92.2232, 59.0456



18.0141, 20.2652, 20.3773



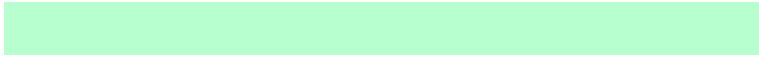
0.0000, 0.0000, 0.0000



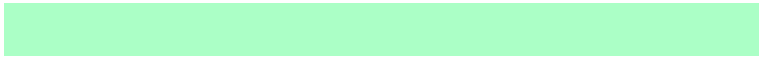
20.3446, 21.4041, 23.3091

Same Dimension

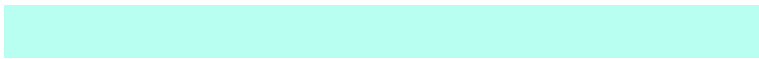
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.7903, 86.2156, 72.1539



62.7278, 84.2434, 66.4477



71.5521, 88.1204, 97.2293



18.0141, 20.2652, 20.3773



19.5537, 37.7181, 10.8010



1.9515, 3.6915, 1.3024

Inverse Universe

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



72.9463, 61.3678, 84.3441



69.7420, 55.9161, 80.3261



68.4609, 59.5737, 60.7247



18.5277, 18.1944, 21.3958



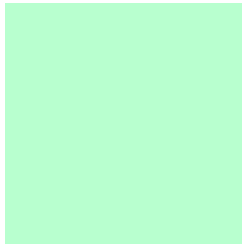
25.5308, 12.7016, 21.9772



2.5360, 1.2568, 2.4038

Previews

White Background



This preview shows how the XYZ color 66.7896, 86.2153, 72.1525 looks on a white background.

Color Contrast Check

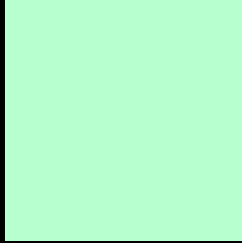
Large Text (above 18pt) WCAG AA × Fail

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 66.7896, 86.2153, 72.1525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

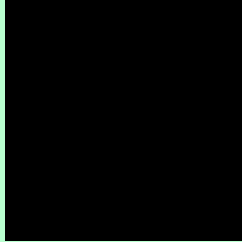
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

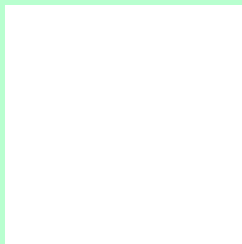
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7896, 86.2153, 72.1525

Background



This preview shows how black text looks on a background with the XYZ color 66.7896, 86.2153, 72.1525.



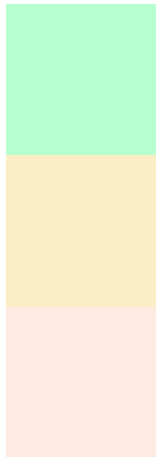
This preview shows how white text looks on a background with the XYZ color 66.7896, 86.2153,

72.1525.

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

66.7896, 86.2153, 72.1525

Protanopia

80.2609, 85.1548, 65.6324

Deuteranopia

84.3903, 85.5966, 84.0255



Tritanopia

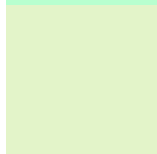
78.1249, 85.7683, 107.0450

Trichromacy



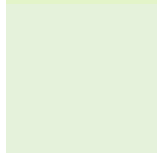
Original Color

66.7896, 86.2153, 72.1525



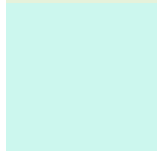
Protanomaly

74.5719, 85.2493, 67.7827



Deuteranomaly

76.8514, 85.2767, 79.4274



Tritanomaly

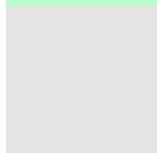
73.5952, 85.5319, 93.5194

Monochromacy



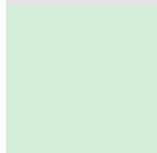
Original Color

66.7896, 86.2153, 72.1525



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.6442, 80.3134, 79.4888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7896, 86.2153, 72.1525 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(184, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 207)  
}
```

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(184, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 66.7896, 86.2153, 72.1525 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(184, 255, 207) }
```


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

```
.border{ border-color:rgb(184, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7896, 86.2153, 72.1525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 207) }
```

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

```
.background{ background-color: rgb(184,  
255, 207) }
```

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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