

Converting Colors

XYZ(70.2553, 82.4628,
106.8218)

Have a look what the booklet for
XYZ(70.2553, 82.4628, 106.8218)
contains.

XYZ(70.4696, 82.7152, 106.8592)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.4696, 82.7152,
106.8592)**

Conversions

Conversions Part 1

Format	Color
Hex	B8F5FF
RGB	184, 245, 255
RGB Percent	72%, 96%, 100%
CMY	0.2784, 0.0392, 0.0000
CMYK	0.28, 0.04, 0.00, 0.00
HSL	188°, 100%, 86%
HSV	188°, 28%, 100%
XYZ	70.4696, 82.7152, 106.8592
YIQ	227.9010, -39.5660, -9.8220

Conversions

Conversions Part 2

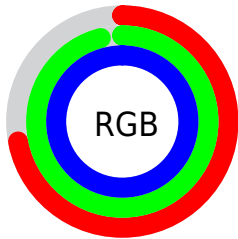
Format	Color
RYB	184, 217, 255
Decimal	12121599
CIELab	92.89, -16.81, -11.01
CIElCh	93, 20.097, 213.228
Yxy	82.7152, 0.2710, 0.3181
Android (android.graphics.Color)	4290311679 (0xFFB8F5FF)
YUV	227.9010, 13.3598, -38.5012
Hunter-Lab	90.9479, -20.8508, -5.9992

Details

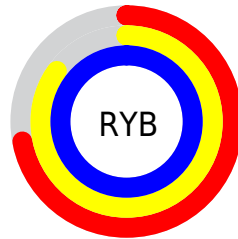
The XYZ color **70.4696, 82.7152, 106.8592** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.1836, 63.3038, 53.9217**, and the grayscale version is **73.5985, 77.4314, 84.3227**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **37.4439, 45.1395, 60.1654** is the 20% darker color. If you saturate the color by 10%, you get **63.8280, 77.6966, 106.2406**, and if you desaturate by 10%, it is **78.2377, 88.3499, 107.5374**.

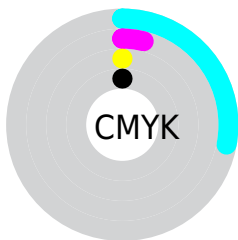
Distribution



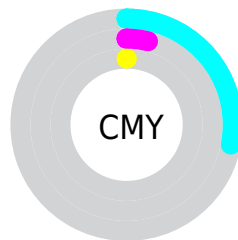
- Red (72%)
- Green (96%)
- Blue (100%)



- Red (72%)
- Yellow (85%)
- Blue (100%)



- Cyan (28%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4696, 82.7152, 106.8592 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 70.4696, 82.7152, 106.8592 by changing the saturation by 10% instead.

70.4696, 82.7152,
106.8592

70.4696, 82.7152,
106.8592

451.4379,
504.0369, 603.4006

52.1904, 61.9552,
81.3925

118.9008,
137.1765, 172.6856

37.3818, 44.9965,
60.3320

149.7836,
171.6466, 213.8824

25.6783, 31.4547,
43.2592

185.5983,
211.4556, 261.1595

16.7145, 20.9453,
29.7557

226.7102,
256.9878, 314.9357

10.1252, 13.0840,
19.4027

273.4848,
308.6276, 375.6293

5.5449, 7.4864,
11.7819

326.2874,

2.6084, 3.7681,

366.7595, 443.6590

6.4746

385.4833,
431.7678, 519.4432

■ 0.9502, 1.5447,
3.0623

■ 0.0000, 0.3199,
1.1266

■ 70.4696, 82.7152,
106.8592

■ 70.4696, 82.7152,
106.8592

■ 63.8280, 77.6966,
106.2406

■ 78.2377, 88.3499,
107.5374

■ 58.2469, 73.2538,
105.6772

■ 87.1805, 94.6197,
108.2763

■ 53.6638, 69.3564,
105.1665

95.0500, 100.0000,
108.9000

■ 50.0065, 65.9670,
104.7050

■ 47.1932, 63.0433,
104.2890

■ 45.1271, 60.5353,
103.9138

■ 43.6791, 58.3760,
103.5733

■ 43.4075, 57.9350,
103.5025

Harmonies

Analogous

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



68.9604, 82.7152, 91.7012



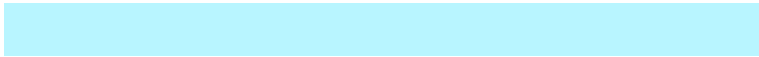
70.4696, 82.7152, 106.8592



74.1565, 82.7152, 118.4313

Triad

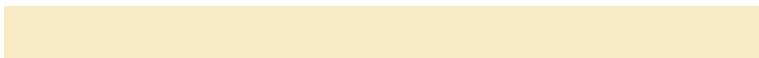
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.4696, 82.7152, 106.8592



87.9837, 82.7152, 103.7290



78.0511, 82.7152, 64.1625

Complementary

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



70.4696, 82.7152, 106.8592



69.1836, 63.3038, 53.9217

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.



83.2556, 82.7152, 66.6300



70.4696, 82.7152, 106.8592



89.1383, 82.7152, 88.4441

Square

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



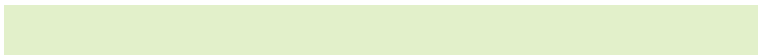
70.4696, 82.7152, 106.8592



84.2830, 82.7152, 116.4873



87.3722, 82.7152, 75.1257



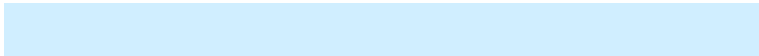
73.2133, 82.7152, 67.9710

Rectangle

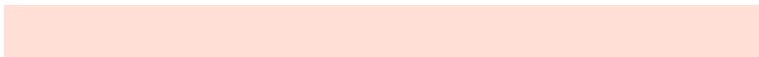
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



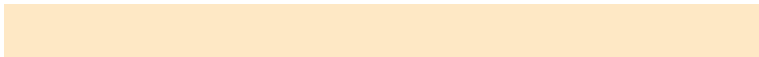
70.4696, 82.7152, 106.8592



77.4334, 82.7152, 121.9445



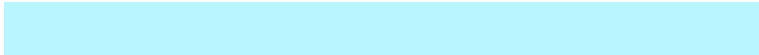
87.3722, 82.7152, 75.1257



79.8152, 82.7152, 64.2870

Sweetspot

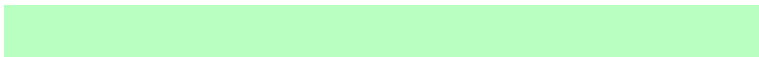
The Sweet Spot groups the original color and five complimentary colors.



70.4718, 82.7184, 106.8597



87.0296, 94.5154, 108.2641



65.2061, 85.5820, 63.8094



18.3240, 20.0197, 23.1483



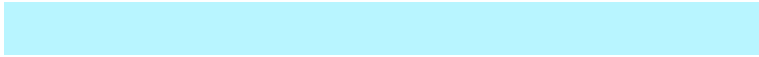
0.0000, 0.0000, 0.0000



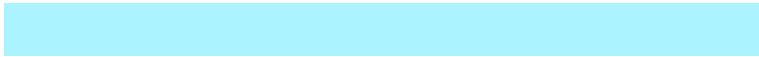
20.3446, 21.4041, 23.3091

Same Dimension

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



70.4718, 82.7184, 106.8597



66.9083, 80.0538, 106.5332



60.8733, 63.5215, 103.6602



18.3240, 20.0197, 23.1483



22.7652, 30.4399, 54.1102



2.2738, 3.0784, 5.2876

Inverse Universe

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



74.8633, 62.1352, 94.4375



71.9754, 56.8095, 92.0869



77.9025, 80.7417, 56.8281



18.6762, 18.2538, 22.1780



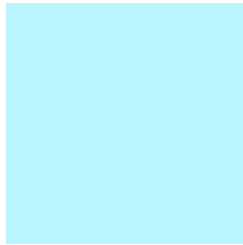
28.2790, 13.8009, 36.4493



2.7823, 1.3553, 3.7012

Previews

White Background



This preview shows how the XYZ color 70.4696, 82.7152, 106.8592 looks on a white background.

Color Contrast Check

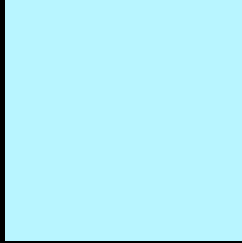
Large Text (above 18pt) WCAG AA × Fail

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 70.4696, 82.7152, 106.8592 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 70.4696, 82.7152, 106.8592

Background



This preview shows how black text looks on a background with the XYZ color 70.4696, 82.7152, 106.8592.

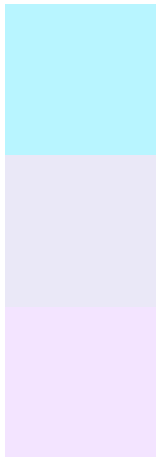


This preview shows how white text looks on a background with the XYZ color 70.4696, 82.7152,

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

70.4696, 82.7152, 106.8592

Protanopia

79.5768, 81.9211, 99.6139

Deuteranopia

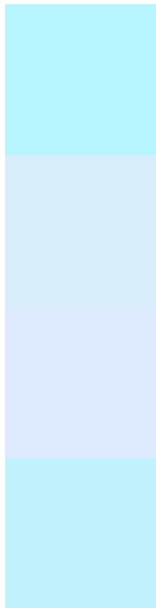
82.7556, 81.7615, 106.0276



Tritanopia

73.5927, 82.5481, 106.6624

Trichromacy



Original Color

70.4696, 82.7152, 106.8592

Protanomaly

75.8584, 82.0694, 102.2853

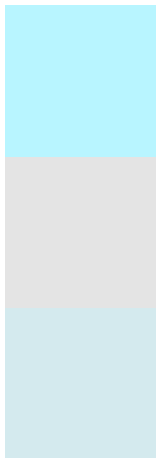
Deuteranomaly

77.5970, 81.5952, 106.2674

Tritanomaly

72.3078, 82.3264, 106.6873

Monochromacy



Original Color

70.4696, 82.7152, 106.8592

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.0068, 79.0157, 92.3453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4696, 82.7152, 106.8592 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, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 245, 255)  
}
```

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, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.4696, 82.7152, 106.8592 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, 245, 255) }
```


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

```
.border{ border-color:rgb(184, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4696, 82.7152, 106.8592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 245, 255) }
```

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

```
.background{ background-color: rgb(184,  
245, 255) }
```

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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