

Converting Colors

XYZ(69.3140, 79.3903,
106.2784)

Have a look what the booklet for
XYZ(69.3140, 79.3903, 106.2784)
contains.

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Color

**XYZ(69.4100, 79.5178,
106.2979)**

Conversions

Conversions Part 1

Format	Color
Hex	BBEFFF
RGB	187, 239, 255
RGB Percent	73%, 94%, 100%
CMY	0.2667, 0.0627, 0.0000
CMYK	0.27, 0.06, 0.00, 0.00
HSL	194°, 100%, 87%
HSV	194°, 27%, 100%
XYZ	69.4100, 79.5178, 106.2979
YIQ	225.2760, -36.1280, -6.0480

Conversions

Conversions Part 2

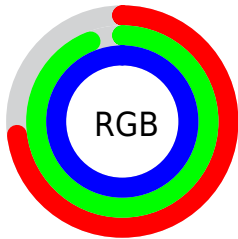
Format	Color
R _Y B	187, 216, 255
Decimal	12316671
CIE _{Lab}	91.47, -12.96, -13.11
CIE _{LCh}	91, 18.440, 225.333
Y _{xy}	79.5178, 0.2720, 0.3116
Android (android.graphics.Color)	4290506751 (0xFFBBEFFF)
Y _{UV}	225.2760, 14.6539, -33.5681
Hunter-Lab	89.1728, -17.1121, -8.2554

Details

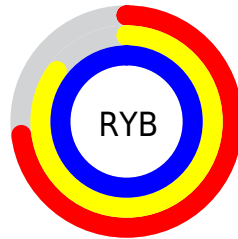
The XYZ color **69.4100, 79.5178, 106.2979** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.5656, 67.5592, 56.2838**, and the grayscale version is **71.6848, 75.4180, 82.1302**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **36.6422, 42.8497, 59.7657** is the 20% darker color. If you saturate the color by 10%, you get **61.9902, 73.1307, 105.4562**, and if you desaturate by 10%, it is **78.0000, 86.5987, 107.2119**.

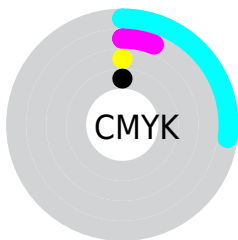
Distribution



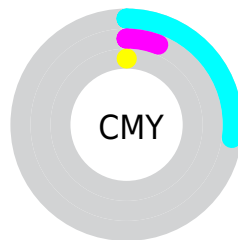
- Red (73%)
- Green (94%)
- Blue (100%)



- Red (73%)
- Yellow (85%)
- Blue (100%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4100, 79.5178, 106.2979 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 69.4100, 79.5178, 106.2979 by changing the saturation by 10% instead.

69.4100, 79.5178,
106.2979

69.4100, 79.5178,
106.2979

447.7745,
493.3063, 601.6194

51.3235, 59.3216,
80.9244

117.3979,
132.6876, 171.9124

36.6882, 42.8721,
59.9487

148.0300,
166.4300, 212.9906

25.1388, 29.7848,
42.9523

183.5747,
205.4566, 260.1407

16.3098, 19.6753,
29.5165

224.3973,
250.1517, 313.7812

9.8358, 12.1592,
19.2230

270.8633,
300.8999, 374.3309

5.3517, 6.8522,
11.6531

323.3379,

2.4919, 3.3698,

358.0855, 442.2081

6.3883

382.1865,
422.0928, 517.8314

■ 0.8912, 1.3277,
3.0100

■ 0.0000, 0.1625,
1.0997

■ 69.4100, 79.5178,
106.2979

■ 69.4100, 79.5178,
106.2979

■ 61.9902, 73.1307,
105.4562

■ 78.0000, 86.5987,
107.2119

■ 55.6750, 67.3968,
104.6822

■ 87.8087, 94.3931,
108.1994

■ 50.4020, 62.2850,
103.9735

95.0500, 100.0000,
108.9000

■ 46.0997, 57.7576,
103.3264

■ 42.6870, 53.7720,
102.7369

■ 40.0689, 50.2783,
102.2006

■ 38.1261, 47.2141,
101.7115

■ 37.5684, 46.2567,
101.5561

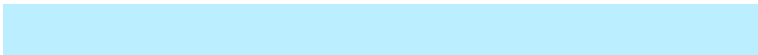
Harmonies

Analogous

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



67.2044, 79.5178, 93.5983



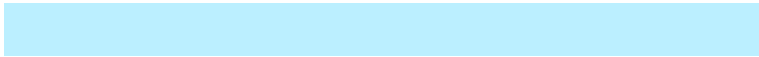
69.4100, 79.5178, 106.2979



73.3168, 79.5178, 114.0739

Triad

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



69.4100, 79.5178, 106.2979



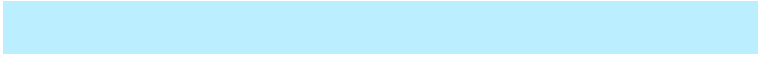
84.6518, 79.5178, 93.2930



73.2176, 79.5178, 63.9677

Complementary

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



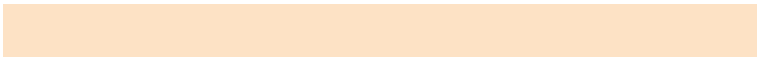
69.4100, 79.5178, 106.2979



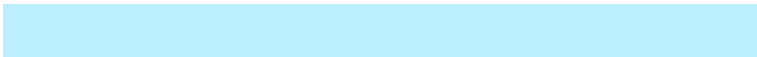
71.5656, 67.5592, 56.2838

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.



77.8878, 79.5178, 63.9042



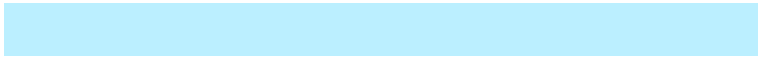
69.4100, 79.5178, 106.2979



84.6225, 79.5178, 79.9242

Square

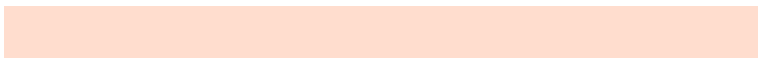
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



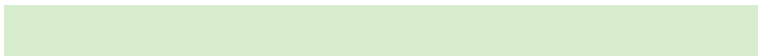
69.4100, 79.5178, 106.2979



82.1821, 79.5178, 106.0545



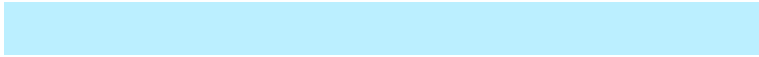
82.1037, 79.5178, 69.4673



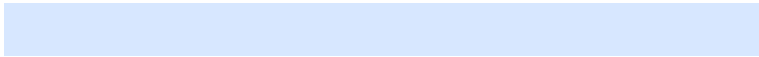
69.3399, 79.5178, 69.6509

Rectangle

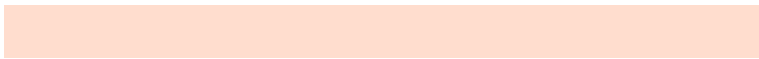
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4100, 79.5178, 106.2979



76.4213, 79.5178, 114.9541



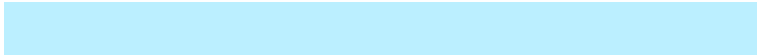
82.1037, 79.5178, 69.4673



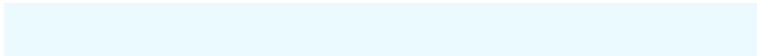
74.7435, 79.5178, 63.3094

Sweetspot

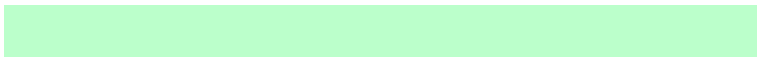
The Sweet Spot groups the original color and five complimentary colors.



69.4121, 79.5209, 106.2984



86.4272, 93.3105, 108.0633



67.0182, 86.3907, 69.5610



18.1714, 19.7144, 23.0975



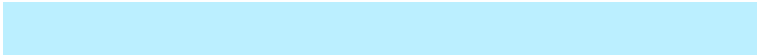
0.0000, 0.0000, 0.0000



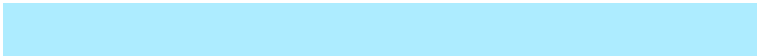
20.3446, 21.4041, 23.3091

Same Dimension

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



69.4121, 79.5209, 106.2984



65.3114, 76.0284, 105.8404



60.4081, 61.5127, 103.2970



18.1714, 19.7144, 23.0975



19.7507, 24.4109, 53.1054



2.0064, 2.5434, 5.1985

Inverse Universe

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



74.5917, 63.0342, 89.9003



71.3723, 57.3456, 86.5152



80.4558, 85.3397, 59.2472



18.5992, 18.2230, 21.7723



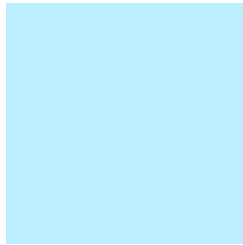
26.7574, 13.1923, 28.4368



2.6473, 1.3013, 2.9902

Previews

White Background



This preview shows how the XYZ color 69.4100, 79.5178, 106.2979 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 69.4100, 79.5178, 106.2979 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 69.4100, 79.5178, 106.2979

Background



This preview shows how black text looks on a background with the XYZ color 69.4100, 79.5178, 106.2979.

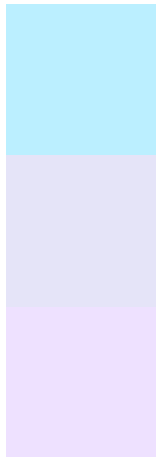


This preview shows how white text looks on a background with the XYZ color 69.4100, 79.5178,

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

69.4100, 79.5178, 106.2979

Protanopia

76.9998, 78.9221, 99.9821

Deuteranopia

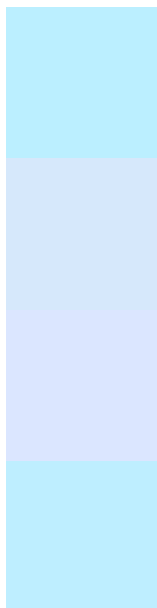
80.2351, 79.2476, 105.6752



Tritanopia

70.3628, 79.5755, 106.2588

Trichromacy



Original Color

69.4100, 79.5178, 106.2979

Protanomaly

74.0008, 78.9744, 102.6101

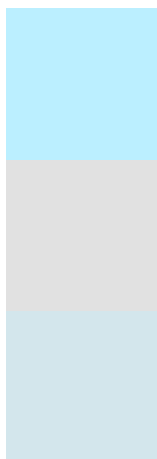
Deuteranomaly

75.5602, 78.8737, 105.8494

Tritanomaly

69.8597, 79.3162, 106.2353

Monochromacy



Original Color

69.4100, 79.5178, 106.2979

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.3011, 76.4986, 90.4173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4100, 79.5178, 106.2979 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(187, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 239, 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(187, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.4100, 79.5178, 106.2979 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(187, 239, 255) }
```


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

```
.border{ border-color:rgb(187, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4100, 79.5178, 106.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 239, 255) }
```

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

```
.background{ background-color: rgb(187,  
239, 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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