

Converting Colors

XYZ(68.1857, 79.3567,
106.3314)

Have a look what the booklet for
XYZ(68.1857, 79.3567, 106.3314)
contains.

XYZ(68.2661, 79.3639, 106.3285)	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(68.2661, 79.3639,
106.3285)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F0FF
RGB	181, 240, 255
RGB Percent	71%, 94%, 100%
CMY	0.2902, 0.0588, 0.0000
CMYK	0.29, 0.06, 0.00, 0.00
HSL	192°, 100%, 85%
HSV	192°, 29%, 100%
XYZ	68.2661, 79.3639, 106.3285
YIQ	224.0690, -39.9790, -7.8430

Conversions

Conversions Part 2

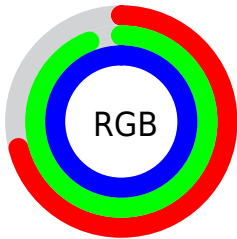
Format	Color
R_{YB}	181, 214, 255
Decimal	11923711
CIE _{Lab}	91.40, -15.15, -13.25
CIE _{LCh}	91, 20.130, 221.177
Yxy	79.3639, 0.2688, 0.3125
Android (android.graphics.Color)	4290113791 (0xFFB5F0FF)
YUV	224.0690, 15.2490, -37.7715
Hunter-Lab	89.0864, -19.1183, -8.4047

Details

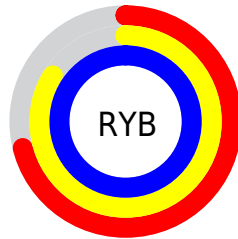
The XYZ color **68.2661, 79.3639, 106.3285** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.3205, 64.0756, 52.4321**, and the grayscale version is **70.8175, 74.5056, 81.1366**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **35.9377, 42.7938, 59.7920** is the 20% darker color. If you saturate the color by 10%, you get **61.3260, 73.5618, 105.5744**, and if you desaturate by 10%, it is **76.3480, 85.8230, 107.1493**.

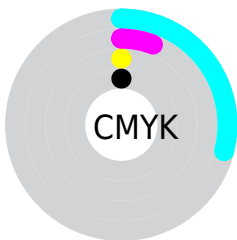
Distribution



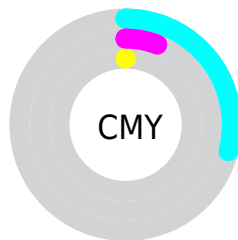
- Red (71%)
- Green (94%)
- Blue (100%)



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



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2661, 79.3639, 106.3285 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 68.2661, 79.3639, 106.3285 by changing the saturation by 10% instead.

68.2661, 79.3639,
106.3285

68.2661, 79.3639,
106.3285

443.8002,
492.7865, 601.7166

50.3887, 59.1951,
80.9499

115.7726,
132.4710, 171.9546

35.9414, 42.7702,
59.9696

146.1323,
166.1781, 213.0392

24.5589, 29.7048,
42.9690

181.3836,
205.1667, 260.1962

15.8757, 19.6146,
29.5296

221.8918,
249.8213, 313.8442

9.5265, 12.1152,
19.2328

268.0222,
300.5261, 374.4017

5.1460, 6.8222,
11.6601

320.1401,

2.3688, 3.3512,

357.6657, 442.2872

6.3929

378.6110,
421.6244, 517.9193

■ 0.8295, 1.3177,
3.0128

■ 0.0000, 0.1548,
1.1012

■ 68.2661, 79.3639,
106.3285

■ 68.2661, 79.3639,
106.3285

■ 61.3260, 73.5618,
105.5744

■ 76.3480, 85.8230,
107.1493

■ 55.4613, 68.3758,
104.8825

■ 85.6210, 92.9589,
108.0379

■ 50.6082, 63.7747,
104.2501

95.0500, 100.0000,
108.9000

■ 46.6935, 59.7199,
103.6738

■ 43.6335, 56.1681,
103.1495

■ 41.3292, 53.0673,
102.6725

■ 39.6341, 50.3417,
102.2357

■ 39.4825, 50.0851,
102.1942

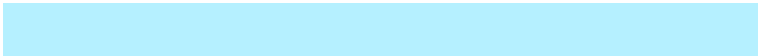
Harmonies

Analogous

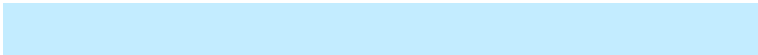
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.1852, 79.3639, 91.9927



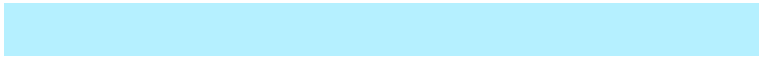
68.2661, 79.3639, 106.3285



72.3024, 79.3639, 115.9279

Triad

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



68.2661, 79.3639, 106.3285



85.1358, 79.3639, 95.8293



73.5415, 79.3639, 61.6098

Complementary

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



68.2661, 79.3639, 106.3285



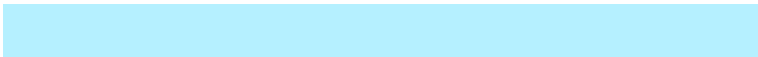
69.3205, 64.0756, 52.4321

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.



78.6527, 79.3639, 62.3893



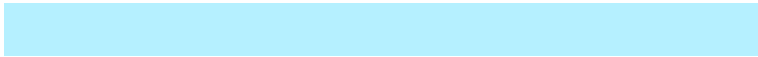
68.2661, 79.3639, 106.3285



85.5045, 79.3639, 81.0651

Square

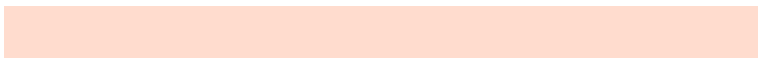
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2661, 79.3639, 106.3285



82.0991, 79.3639, 109.4090



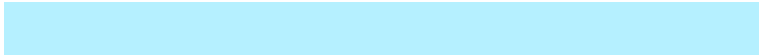
83.0847, 79.3639, 69.1552



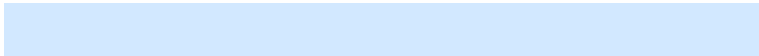
69.1379, 79.3639, 66.8899

Rectangle

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



68.2661, 79.3639, 106.3285



75.6354, 79.3639, 117.7635



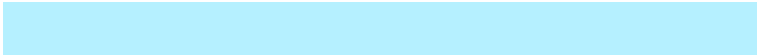
83.0847, 79.3639, 69.1552



75.2310, 79.3639, 61.1889

Sweetspot

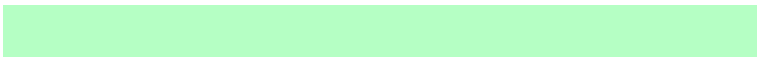
The Sweet Spot groups the original color and five complimentary colors.



68.2682, 79.3670, 106.3290



85.6392, 92.9726, 108.0396



64.7582, 85.3207, 65.1622



18.0251, 19.6684, 23.0963



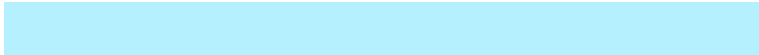
0.0000, 0.0000, 0.0000



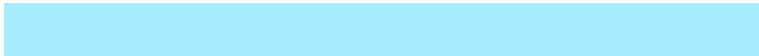
20.3446, 21.4041, 23.3091

Same Dimension

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



68.2682, 79.3670, 106.3290



63.9826, 75.8182, 105.8699



58.5106, 59.8516, 103.0764



18.2239, 19.8193, 23.1150



20.7399, 26.3895, 53.4351



2.0948, 2.7202, 5.2279

Inverse Universe

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



73.4934, 60.6006, 90.2651



70.1042, 54.5510, 86.8889



78.6634, 82.7615, 55.5464



18.6256, 18.2336, 21.9117



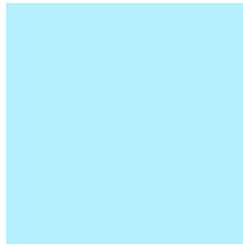
27.2568, 13.3920, 31.0662



2.6920, 1.3192, 3.2252

Previews

White Background



This preview shows how the XYZ color 68.2661, 79.3639, 106.3285 looks on a white background.

Color Contrast Check

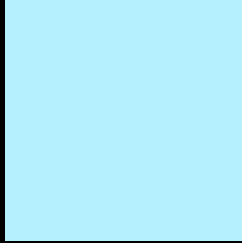
Large Text (above 18pt) WCAG AA × Fail

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 68.2661, 79.3639, 106.3285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

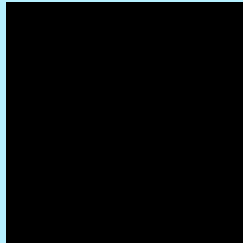
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.2661, 79.3639, 106.3285

Background



This preview shows how black text looks on a background with the XYZ color 68.2661, 79.3639, 106.3285.

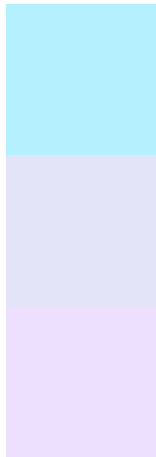


This preview shows how white text looks on a background with the XYZ color 68.2661, 79.3639,

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

68.2661, 79.3639, 106.3285

Protanopia

76.6816, 78.7581, 99.9672

Deuteranopia

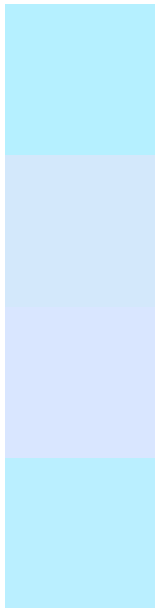
79.6307, 78.5358, 105.5697



Tritanopia

69.6108, 79.1879, 106.2237

Trichromacy



Original Color

68.2661, 79.3639, 106.3285

Protanomaly

73.1332, 78.5271, 102.5695

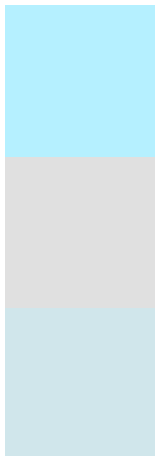
Deuteranomaly

74.9621, 78.5653, 105.8214

Tritanomaly

69.1662, 79.3921, 106.2865

Monochromacy



Original Color

68.2661, 79.3639, 106.3285

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.3046, 76.0017, 89.6143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2661, 79.3639, 106.3285 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(181, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 240, 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(181, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.2661, 79.3639, 106.3285 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(181, 240, 255) }
```


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

```
.border{ border-color:rgb(181, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2661, 79.3639, 106.3285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 240, 255) }
```

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

```
.background{ background-color: rgb(181,  
240, 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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