

Converting Colors

XYZ(94.4726, 90.5116,
240.0742)

Have a look what the booklet for
XYZ(94.4726, 90.5116, 240.0742)
contains.

XYZ(69.0337, 80.1979, 106.4490)	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(69.0337, 80.1979,
106.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	B7F1FF
RGB	183, 241, 255
RGB Percent	72%, 95%, 100%
CMY	0.2823, 0.0549, 0.0000
CMYK	0.28, 0.05, 0.00, 0.00
HSL	192°, 100%, 86%
HSV	192°, 28%, 100%
XYZ	69.0337, 80.1979, 106.4490
YIQ	225.2540, -39.0620, -7.9420

Conversions

Conversions Part 2

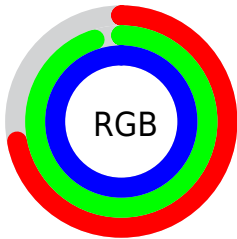
Format	Color
RYB	183, 215, 255
Decimal	12055039
CIELab	91.77, -15.10, -12.68
CIElCh	92, 19.715, 220.035
Yxy	80.1979, 0.2700, 0.3137
Android (android.graphics.Color)	4290245119 (0xFFB7F1FF)
YUV	225.2540, 14.6648, -37.0568
Hunter-Lab	89.5533, -19.1184, -7.7888

Details

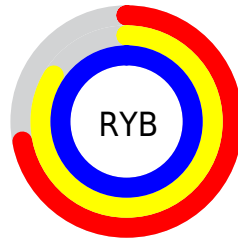
The XYZ color **69.0337, 80.1979, 106.4490** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.7535, 64.6108, 53.5962**, and the grayscale version is **71.6704, 75.4029, 82.1137**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **36.4441, 43.3643, 59.8754** is the 20% darker color. If you saturate the color by 10%, you get **62.0622, 74.4572, 105.7084**, and if you desaturate by 10%, it is **77.1482, 86.5911, 107.2554**.

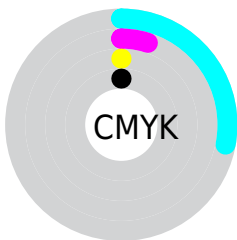
Distribution



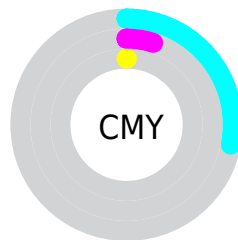
- Red (72%)
- Green (95%)
- Blue (100%)



- Red (72%)
- Yellow (84%)
- Blue (100%)



- Cyan (28%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0337, 80.1979, 106.4490 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 69.0337, 80.1979, 106.4490 by changing the saturation by 10% instead.

69.0337, 80.1979,
106.4490

69.0337, 80.1979,
106.4490

446.4693,
495.5995, 602.0992

51.0159, 59.8812,
81.0504

116.8635,
133.6439, 172.1206

36.4424, 43.3229,
60.0519

147.4062,
167.5421, 213.2307

24.9477, 30.1385,
43.0349

182.8546,
206.7362, 260.4150

16.1666, 19.9438,
29.5809

223.5741,
251.6106, 314.0921

9.7337, 12.3542,
19.2713

269.9299,
302.5497, 374.6806

5.2837, 6.9854,
11.6877

322.2875,

2.4511, 3.4530,

359.9380, 442.5988

6.4115

381.0122,
424.1598, 518.2655

■ 0.8707, 1.3725,
3.0240

■ 0.0000, 0.1963,
1.1069

■ 69.0337, 80.1979,
106.4490

■ 69.0337, 80.1979,
106.4490

■ 62.0622, 74.4572,
105.7084

■ 77.1482, 86.5911,
107.2554

■ 56.1676, 69.3285,
105.0291

■ 86.4544, 93.6564,
108.1286

■ 51.2866, 64.7807,
104.4086

95.0500, 100.0000,
108.9000

■ 47.3468, 60.7759,
103.8432

■ 44.2656, 57.2711,
103.3291

■ 41.9452, 54.2155,
102.8616

■ 40.2515, 51.5394,
102.4344

■ 39.9846, 51.0892,
102.3615

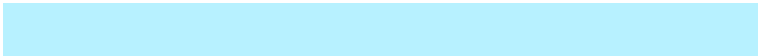
Harmonies

Analogous

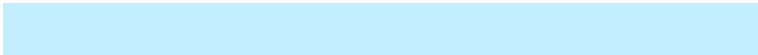
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.0628, 80.1979, 92.2550



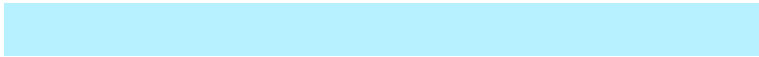
69.0337, 80.1979, 106.4490



72.9596, 80.1979, 116.1382

Triad

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



69.0337, 80.1979, 106.4490



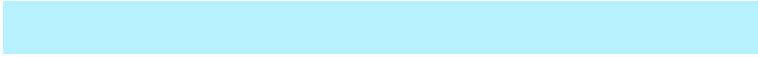
85.7163, 80.1979, 97.1605



74.5471, 80.1979, 62.7121

Complementary

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



69.0337, 80.1979, 106.4490



69.7535, 64.6108, 53.5962

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.



79.5878, 80.1979, 63.7161



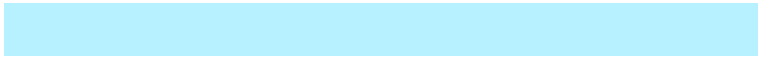
69.0337, 80.1979, 106.4490



86.1874, 80.1979, 82.5678

Square

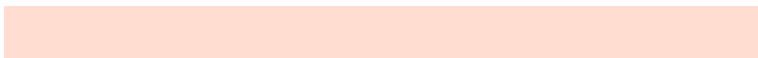
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.0337, 80.1979, 106.4490



82.6405, 80.1979, 110.3789



83.9006, 80.1979, 70.6353



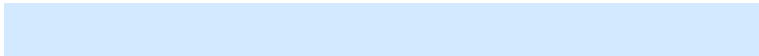
70.1517, 80.1979, 67.7225

Rectangle

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



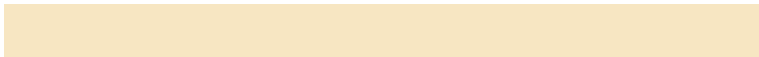
69.0337, 80.1979, 106.4490



76.2316, 80.1979, 118.1702



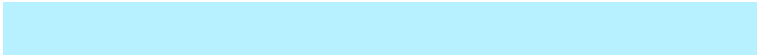
83.9006, 80.1979, 70.6353



76.2198, 80.1979, 62.3717

Sweetspot

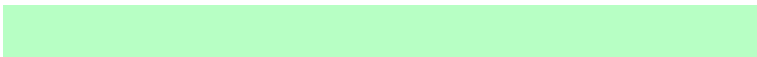
The Sweet Spot groups the original color and five complimentary colors.



69.0358, 80.2010, 106.4495



86.6870, 93.8301, 108.1499



65.2761, 85.5824, 65.4241



18.2372, 19.8460, 23.1194



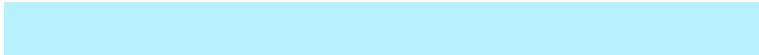
0.0000, 0.0000, 0.0000



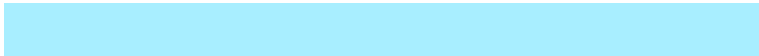
20.3446, 21.4041, 23.3091

Same Dimension

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



69.0358, 80.2010, 106.4495



64.8796, 76.8123, 106.0145



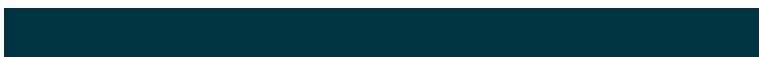
59.6029, 61.3350, 103.3052



18.2372, 19.8460, 23.1194



20.9992, 26.9080, 53.5216



2.1178, 2.7664, 5.2356

Inverse Universe

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



74.0520, 61.4794, 91.1865



70.7522, 55.5578, 87.9965



78.7008, 82.5055, 56.5786



18.6324, 18.2363, 21.9472



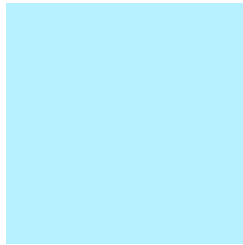
27.3876, 13.4443, 31.7554



2.7036, 1.3238, 3.2865

Previews

White Background



This preview shows how the XYZ color 69.0337, 80.1979, 106.4490 looks on a white background.

Color Contrast Check

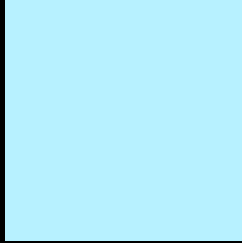
Large Text (above 18pt) WCAG AA × Fail

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 69.0337, 80.1979, 106.4490 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 69.0337, 80.1979, 106.4490

Background



This preview shows how black text looks on a background with the XYZ color 69.0337, 80.1979, 106.4490.

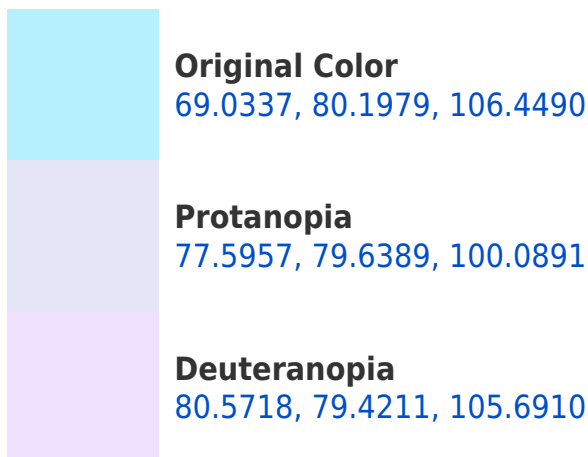


This preview shows how white text looks on a background with the XYZ color 69.0337, 80.1979,

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





Tritanopia

70.9088, 80.2905, 106.3681

Trichromacy



Original Color

69.0337, 80.1979, 106.4490

Protanomaly

73.9921, 79.3890, 102.6906

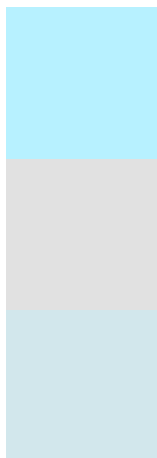
Deuteranomaly

75.8393, 79.4319, 105.9425

Tritanomaly

70.1964, 80.3590, 106.4188

Monochromacy



Original Color

69.0337, 80.1979, 106.4490

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.2946, 76.9096, 90.4970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0337, 80.1979, 106.4490 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(183, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 241, 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(183, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.0337, 80.1979, 106.4490 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(183, 241, 255) }
```


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

```
.border{ border-color:rgb(183, 241, 255) }
```

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

Here you see how a box with a 4 pixel rgb(183, 241, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0337, 80.1979, 106.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 241, 255) }
```

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

```
.background{ background-color: rgb(183,  
241, 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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