

Converting Colors

XYZ(66.3030, 79.6589,
106.4889)

Have a look what the booklet for
XYZ(66.3030, 79.6589, 106.4889)
contains.

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Color

**XYZ(66.2490, 79.6460,
106.4893)**

Conversions

Conversions Part 1

Format	Color
Hex	A8F3FF
RGB	168, 243, 255
RGB Percent	66%, 95%, 100%
CMY	0.3412, 0.0470, 0.0000
CMYK	0.34, 0.05, 0.00, 0.00
HSL	188°, 100%, 83%
HSV	188°, 34%, 100%
XYZ	66.2490, 79.6460, 106.4893
YIQ	221.9430, -48.5520, -12.1680

Conversions

Conversions Part 2

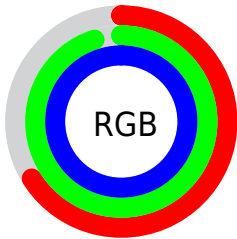
Format	Color
R_{YB}	168, 208, 255
Decimal	11072511
CIE _{Lab}	91.53, -20.15, -13.13
CIE _{LCh}	92, 24.056, 213.093
Yxy	79.6460, 0.2625, 0.3156
Android (android.graphics.Color)	4289262591 (0xFFA8F3FF)
YUV	221.9430, 16.2971, -47.3080
Hunter-Lab	89.2446, -23.6721, -8.2754

Details

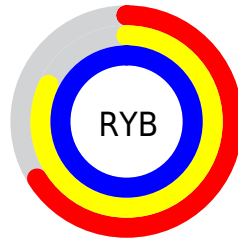
The XYZ color **66.2490, 79.6460, 106.4893** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.6293, 56.7295, 44.5911**, and the grayscale version is **69.3059, 72.9152, 79.4046**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **34.6455, 43.0626, 59.9120** is the 20% darker color. If you saturate the color by 10%, you get **60.3016, 75.0347, 105.9127**, and if you desaturate by 10%, it is **73.2852, 84.8524, 107.1233**.

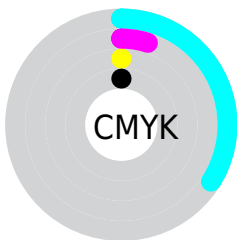
Distribution



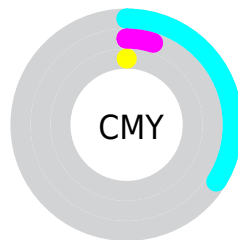
- Red (66%)
- Green (95%)
- Blue (100%)



- Red (66%)
- Yellow (82%)
- Blue (100%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2490, 79.6460, 106.4893 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 66.2490, 79.6460, 106.4893 by changing the saturation by 10% instead.

66.2490, 79.6460,
106.4893

66.2490, 79.6460,
106.4893

436.7415,
493.7390, 602.2271

48.7430, 59.4271,
81.0840

112.8994,
132.8679, 172.1761

34.6294, 42.9570,
60.0794

142.7745,
166.6397, 213.2947

23.5427, 29.8514,
43.0569

177.5034,
205.6979, 260.4882

15.1176, 19.7258,
29.5980

217.4514,
250.4269, 314.1750

8.9888, 12.1959,
19.2842

262.9838,
301.2112, 374.7738

4.7910, 6.8772,
11.6969

314.4661,

2.1586, 3.3854,

358.4350, 442.7030

6.4176

372.2635,
422.4828, 518.3813

■ 0.7208, 1.3361,
3.0278

■ 0.0000, 0.1689,
1.1088

■ 66.2490, 79.6460,
106.4893

■ 66.2490, 79.6460,
106.4893

■ 60.3016, 75.0347,
105.9127

■ 73.2852, 84.8524,
107.1233

■ 55.3741, 70.9771,
105.3892

■ 81.4615, 90.6746,
107.8162

■ 51.3994, 67.4402,
104.9160

■ 90.8332, 97.1434,
108.5709

■ 48.2997, 64.3838,
104.4894

95.0500, 100.0000,
108.9000

■ 45.9847, 61.7612,
104.1052

■ 44.3439, 59.5152,
103.7582

■ 43.6010, 58.3219,
103.5670

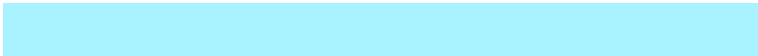
Harmonies

Analogous

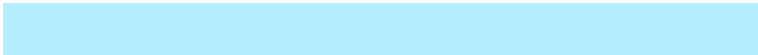
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.5304, 79.6460, 88.5549



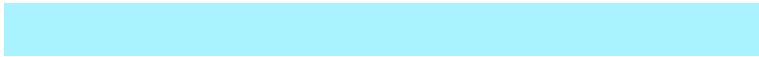
66.2490, 79.6460, 106.4893



70.4911, 79.6460, 120.4420

Triad

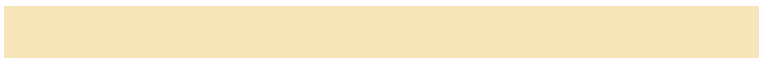
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.2490, 79.6460, 106.4893



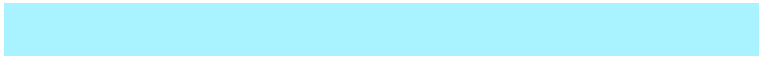
86.7064, 79.6460, 102.9129



75.0670, 79.6460, 57.1910

Complementary

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



66.2490, 79.6460, 106.4893



64.6293, 56.7295, 44.5911

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.



81.1618, 79.6460, 59.9665



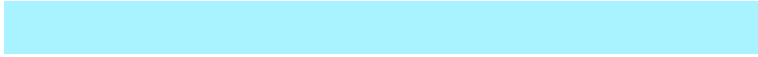
66.2490, 79.6460, 106.4893



88.0919, 79.6460, 84.9125

Square

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



66.2490, 79.6460, 106.4893



82.3211, 79.6460, 118.1891



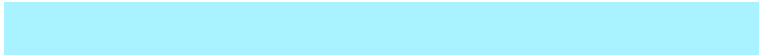
86.0121, 79.6460, 69.5643



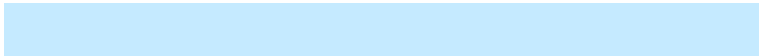
69.4460, 79.6460, 61.4019

Rectangle

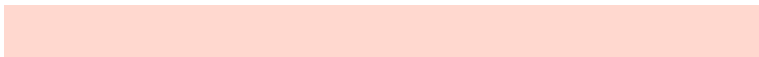
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



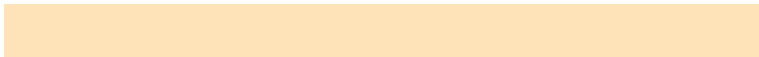
66.2490, 79.6460, 106.4893



74.2923, 79.6460, 124.7364



86.0121, 79.6460, 69.5643



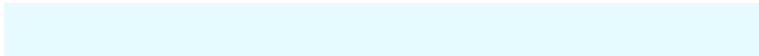
77.1276, 79.6460, 57.3395

Sweetspot

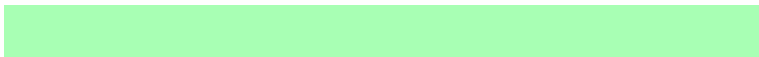
The Sweet Spot groups the original color and five complimentary colors.



66.2511, 79.6490, 106.4897



85.1714, 93.2575, 108.1192



60.1071, 83.1244, 55.8450



17.9541, 19.7695, 23.1196



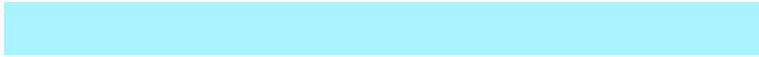
0.0000, 0.0000, 0.0000



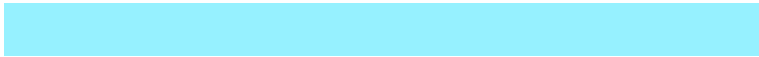
20.3446, 21.4041, 23.3091

Same Dimension

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



66.2511, 79.6490, 106.4897



62.0429, 76.4114, 106.0866



54.8309, 56.8085, 102.6830



18.3287, 20.0291, 23.1499



22.8649, 30.6393, 54.1435



2.2826, 3.0959, 5.2905

Inverse Universe

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



71.4216, 55.7379, 91.7917



68.0334, 49.5426, 88.8706



74.7230, 76.9168, 47.9557



18.6786, 18.2547, 22.1905



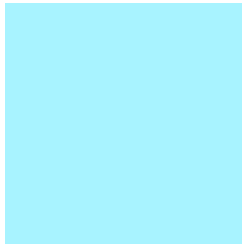
28.3293, 13.8210, 36.7143



2.7868, 1.3571, 3.7244

Previews

White Background



This preview shows how the XYZ color 66.2490, 79.6460, 106.4893 looks on a white background.

Color Contrast Check

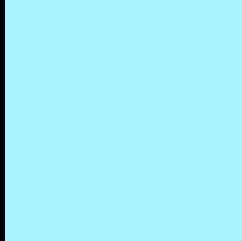
Large Text (above 18pt) WCAG AA × Fail

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 66.2490, 79.6460, 106.4893 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 66.2490, 79.6460, 106.4893

Background



This preview shows how black text looks on a background with the XYZ color 66.2490, 79.6460, 106.4893.

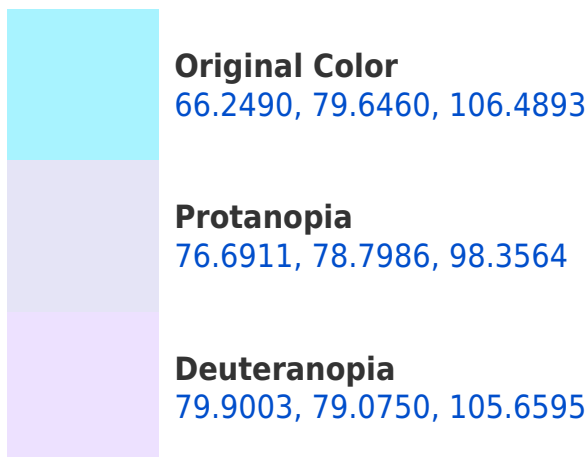


This preview shows how white text looks on a background with the XYZ color 66.2490, 79.6460,

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

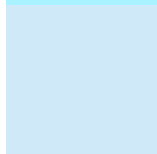
68.9241, 79.2673, 106.2752

Trichromacy



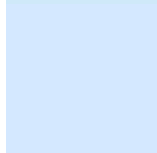
Original Color

66.2490, 79.6460, 106.4893



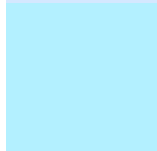
Protanomaly

71.9699, 78.3828, 100.9587



Deuteranomaly

74.0580, 78.9303, 105.9395



Tritanomaly

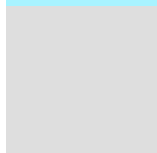
67.8005, 79.1239, 106.3067

Monochromacy



Original Color

66.2490, 79.6460, 106.4893



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

67.5052, 75.0907, 88.7780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2490, 79.6460, 106.4893 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(168, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 243, 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(168, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.2490, 79.6460, 106.4893 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(168, 243, 255) }
```


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

```
.border{ border-color:rgb(168, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2490, 79.6460, 106.4893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 243, 255) }
```

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

```
.background{ background-color: rgb(168,  
243, 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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