

Converting Colors

XYZ(66.5476, 81.9046, 92.9274)

Have a look what the booklet for
XYZ(66.5476, 81.9046, 92.9274)
contains.

XYZ(66.5979, 81.9247, 93.1919)	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(66.5979, 81.9247,
93.1919)**

Conversions

Conversions Part 1	
Format	Color
Hex	B0F7EE
RGB	176, 247, 238
RGB Percent	69%, 97%, 93%
CMY	0.3098, 0.0314, 0.0667
CMYK	0.29, 0.00, 0.04, 0.03
HSL	172°, 82%, 83%
HSV	172°, 29%, 97%
XYZ	66.5979, 81.9247, 93.1919
YIQ	224.7450, -39.4270, -17.8510

Conversions

Conversions Part 2

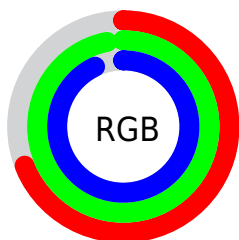
Format	Color
RYB	176, 214, 247
Decimal	11597806
CIELab	92.54, -23.76, -2.75
CIELCh	93, 23.914, 186.602
Yxy	81.9247, 0.2755, 0.3389
Android (android.graphics.Color)	4289787886 (0xFFB0F7EE)
YUV	224.7450, 6.5347, -42.7494
Hunter-Lab	90.5123, -27.0582, 2.3133

Details

The XYZ color **66.5979, 81.9247, 93.1919** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.6429, 54.3299, 53.0873**, and the grayscale version is **71.3617, 75.0781, 81.7600**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **34.7421, 44.2693, 50.9697** is the 20% darker color. If you saturate the color by 10%, you get **61.0575, 79.1233, 90.5529**, and if you desaturate by 10%, it is **73.1671, 85.2597, 95.9243**.

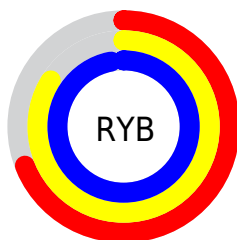
Distribution



Red (69%)

Green (97%)

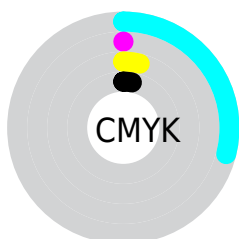
Blue (93%)



Red (69%)

Yellow (84%)

Blue (97%)

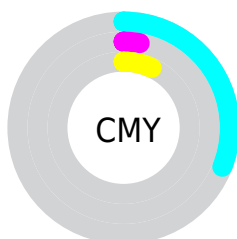


Cyan (29%)

Magenta (0%)

Yellow (4%)

Black (3%)



Cyan (31%)


Magenta (3%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5979, 81.9247, 93.1919 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 66.5979, 81.9247, 93.1919 by changing the saturation by 10% instead.


 66.5979, 81.9247,
93.1919

 66.5979, 81.9247,
93.1919


437.9672,
501.3958, 559.1960

 49.0274, 61.3035,
70.0425

 113.3970,
136.0684, 153.7383

 34.8559, 44.4701,
51.0841


143.3564,
170.3597, 191.9723

 23.7179, 31.0403,
35.8984


178.1761,
209.9764, 236.0716

 15.2481, 20.6295,
24.0666

218.2215,
255.3030, 286.4547

 9.0811, 12.8535,
15.1704

263.8580,
306.7238, 343.5401

 4.8517, 7.3277,
8.7911


315.4508,


 2.1943, 3.6679,


364.6233, 407.7465


4.5102

373.3654,
429.3858, 479.4922


 0.7398, 1.4896,
1.9092


 0.0000, 0.2814,
0.4986


 66.5979, 81.9247,
93.1919


 66.5979, 81.9247,
93.1919

 61.0575, 79.1233,
90.5529


 73.1671, 85.2597,
95.9243


 56.4837, 76.8172,
87.9990


 80.8092, 89.1448,
98.7472


 52.8184, 74.9786,
85.5290


 89.5739, 93.6077,
101.6649


 49.9944, 73.5727,
83.1395


 91.8407, 94.7198,
104.3208


 47.9350, 72.5601,
80.8267

 92.3375, 94.9185,
106.9366

 46.5495, 71.8940,
78.5863

 92.5522, 95.0044,
108.0674

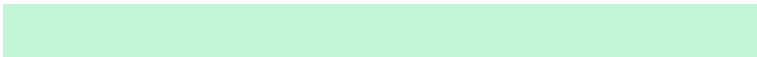
 45.7057, 71.5063,
76.4117

 45.6161, 71.4660,
76.1424

Harmonies

Analogous

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



67.4145, 81.9247, 76.2998



66.5979, 81.9247, 93.1919



68.6693, 81.9247, 111.1848

Triad

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



66.5979, 81.9247, 93.1919



85.2057, 81.9247, 119.5670



82.7055, 81.9247, 61.3546

Complementary

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



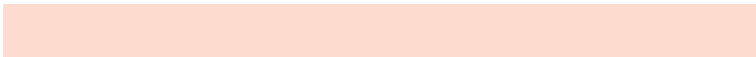
66.5979, 81.9247, 93.1919



62.6429, 54.3299, 53.0873

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.



87.8513, 81.9247, 70.3265



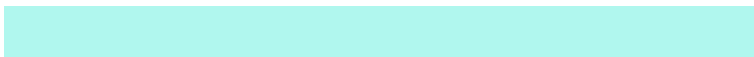
66.5979, 81.9247, 93.1919



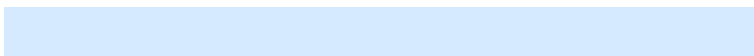
89.3476, 81.9247, 103.4825

Square

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



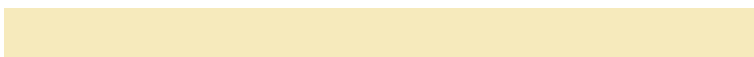
66.5979, 81.9247, 93.1919



79.2479, 81.9247, 127.6659



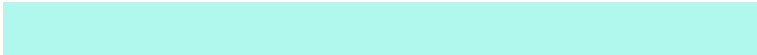
90.3405, 81.9247, 85.3278



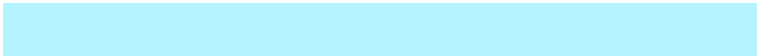
76.5022, 81.9247, 59.3622

Rectangle

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



66.5979, 81.9247, 93.1919



71.4776, 81.9247, 120.9055



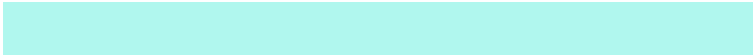
90.3405, 81.9247, 85.3278



84.6261, 81.9247, 63.5902

Sweetspot

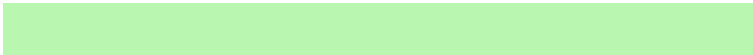
The Sweet Spot groups the original color and five complimentary colors.



66.6003, 81.9280, 93.1938



86.6399, 95.7182, 106.0793



61.2201, 80.0319, 53.2969



18.2734, 20.3497, 22.6094



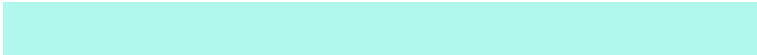
0.0000, 0.0000, 0.0000



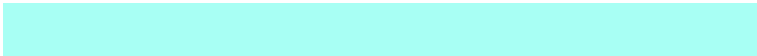
20.3446, 21.4041, 23.3091

Same Dimension

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



66.6003, 81.9280, 93.1938



68.3025, 86.4098, 98.6720



60.5431, 67.6436, 97.8651



16.9010, 18.7195, 20.7628



24.1608, 37.8092, 40.4621



2.1483, 3.3330, 3.6868

Inverse Universe

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



62.6429, 54.3299, 53.0873



63.4645, 52.6427, 49.6197



67.3254, 65.1681, 50.1061



16.5846, 16.5167, 17.5592



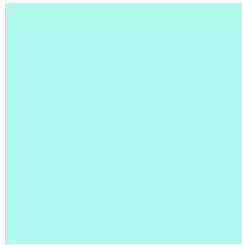
20.4469, 10.5222, 1.7960



1.8237, 0.9354, 0.2980

Previews

White Background



This preview shows how the XYZ color 66.5979, 81.9247, 93.1919 looks on a white background.

Color Contrast Check

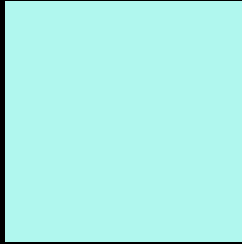
Large Text (above 18pt) WCAG AA × Fail

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 66.5979, 81.9247, 93.1919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

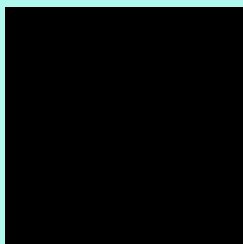
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

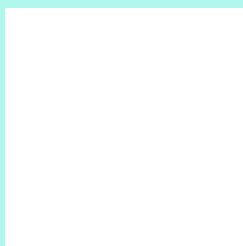
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5979, 81.9247, 93.1919

Background



This preview shows how black text looks on a background with the XYZ color 66.5979, 81.9247, 93.1919.

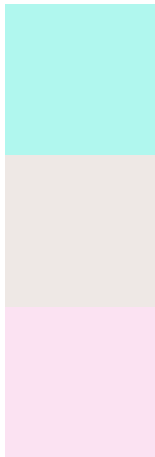


This preview shows how white text looks on a background with the XYZ color 66.5979, 81.9247,

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

66.5979, 81.9247, 93.1919

Protanopia

78.2594, 81.5475, 85.7443

Deuteranopia

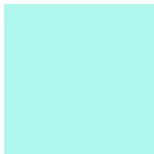
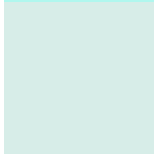
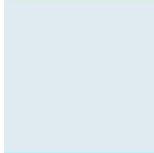
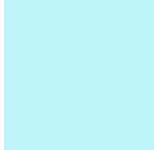
83.0070, 81.3127, 95.3244



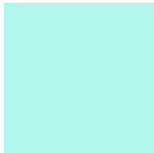
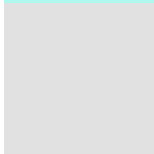
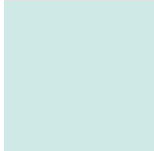
Tritanopia

72.2360, 81.4105, 106.5143

Trichromacy

	Original Color 66.5979, 81.9247, 93.1919
	Protanomaly 72.8740, 80.8416, 88.1071
	Deuteranomaly 76.0405, 81.0438, 94.8543
	Tritanomaly 70.1357, 81.7596, 101.7072

Monochromacy

	Original Color 66.5979, 81.9247, 93.1919
	Achromatopsia 71.5672, 75.2942, 81.9954
	Achromatomaly 69.1540, 77.2564, 86.1301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5979, 81.9247, 93.1919 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(176, 247, 238) looks like.

```
.text, #text, p{  
    color:rgb(176, 247, 238)  
}
```

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(176, 247, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 247, 238) }
```

Border

The CSS property to change the border of an element to XYZ 66.5979, 81.9247, 93.1919 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(176, 247, 238) }
```


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

```
.border{ border-color:rgb(176, 247, 238) }
```

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

Here you see how a box with a 4 pixel rgb(176, 247, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 247, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 247, 238);  
box-shadow:4px 4px 4px 4px rgb(176, 247,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5979, 81.9247, 93.1919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 247, 238) }
```

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

```
.background{ background-color: rgb(176,  
247, 238) }
```

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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