

Converting Colors

XYZ(66.1841, 82.9631, 98.9114)

Have a look what the booklet for
XYZ(66.1841, 82.9631, 98.9114)
contains.

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Color

**XYZ(66.1841, 82.9631,
98.9114)**

Conversions

Conversions Part 1

Format	Color
Hex	A5FAF5
RGB	165, 250, 245
RGB Percent	65%, 98%, 96%
CMY	0.3529, 0.0196, 0.0392
CMYK	0.34, 0.00, 0.02, 0.02
HSL	176°, 89%, 81%
HSV	176°, 34%, 98%
XYZ	66.1841, 82.9631, 98.9114
YIQ	224.0150, -49.0550, -19.5750

Conversions

Conversions Part 2

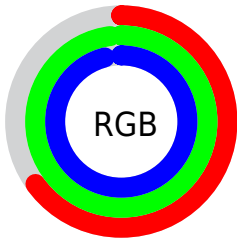
Format	Color
RYB	165, 209, 250
Decimal	10877685
CIELab	93.00, -26.65, -5.77
CIELCh	93, 27.263, 192.219
Yxy	82.9631, 0.2668, 0.3344
Android (android.graphics.Color)	4289067765 (0xFFA5FAF5)
YUV	224.0150, 10.3456, -51.7562
Hunter-Lab	91.0841, -29.6943, -0.6262

Details

The XYZ color **66.1841, 82.9631, 98.9114** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **60.1381, 50.1390, 44.5416**, and the grayscale version is **70.8178, 74.5058, 81.1368**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **34.5619, 45.0653, 55.0210** is the 20% darker color. If you saturate the color by 10%, you get **61.2607, 80.4529, 97.5147**, and if you desaturate by 10%, it is **72.1305, 86.0046, 100.3689**.

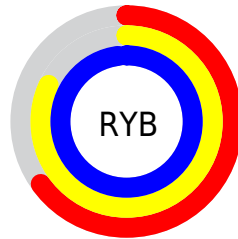
Distribution



Red (65%)

Green (98%)

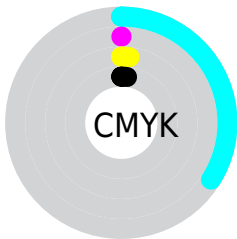
Blue (96%)



Red (65%)

Yellow (82%)

Blue (98%)

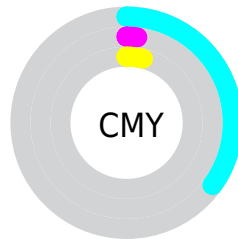


Cyan (34%)

Magenta (0%)

Yellow (2%)

Black (2%)



Cyan (35%)


Magenta (2%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1841, 82.9631, 98.9114 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 66.1841, 82.9631, 98.9114 by changing the saturation by 10% instead.


 66.1841, 82.9631,
98.9114


 66.1841, 82.9631,
98.9114


436.5133,
504.8635, 577.9137

 48.6901, 62.1597,
74.7799


 112.8068,
137.5238, 161.6992

 34.5872, 45.1618,
54.9320


 142.6662,
172.0499, 201.1926

 23.5101, 31.5849,
38.9490

177.3782,
211.9190, 246.6437

 15.0934, 21.0446,
26.4125

217.3080,
257.5155, 298.4710

 8.9717, 13.1566,
16.9040

262.8211,
309.2238, 357.0931

 4.7797, 7.5365,
10.0048

314.2827,

 2.1520, 3.7998,

367.4283, 422.9286

5.2965

372.0583,
432.5134, 496.3959

■ 0.7173, 1.5622,
2.3605

■ 0.0000, 0.3319,
0.7648

■ 66.1841, 82.9631,
98.9114

■ 66.1841, 82.9631,
98.9114

■ 61.2607, 80.4529,
97.5147

■ 72.1305, 86.0046,
100.3689

■ 57.2935, 78.4334,
96.1703


■ 79.1474, 89.5956,
101.8840


■ 54.2193, 76.8740,
94.8769


■ 87.2878, 93.7657,
103.4611


■ 51.9643, 75.7367,
93.6312


■ 92.8218, 96.5919,
104.9256


 50.4426, 74.9773,
92.4290

 93.0546, 96.6850,
106.1514

 49.5495, 74.5418,
91.2654

 93.2892, 96.7789,
107.3867

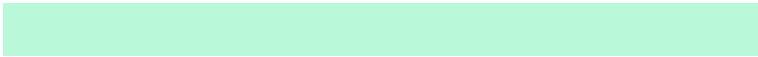
 49.2244, 74.3890,
90.5815

 93.4770, 96.8540,
108.3757

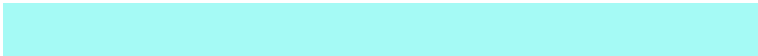
Harmonies

Analogous

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



66.4914, 82.9631, 78.8509



66.1841, 82.9631, 98.9114



69.1183, 82.9631, 119.4092

Triad

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



66.1841, 82.9631, 98.9114



88.4425, 82.9631, 122.6882



83.1208, 82.9631, 57.8301

Complementary

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



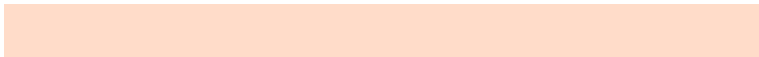
66.1841, 82.9631, 98.9114



60.1381, 50.1390, 44.5416

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.



89.4633, 82.9631, 66.4067



66.1841, 82.9631, 98.9114



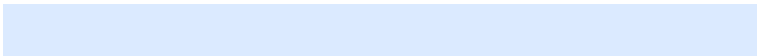
92.6611, 82.9631, 102.8783

Square

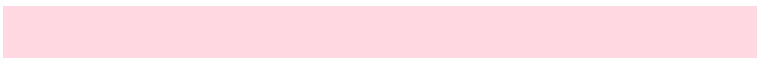
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1841, 82.9631, 98.9114



81.7951, 82.9631, 134.4615



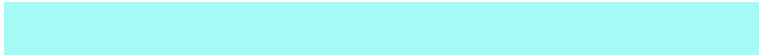
93.0456, 82.9631, 82.2650



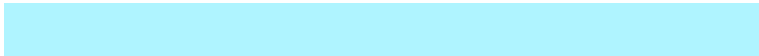
75.9842, 82.9631, 57.0997

Rectangle

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



66.1841, 82.9631, 98.9114



72.6272, 82.9631, 129.7704



93.0456, 82.9631, 82.2650



85.4268, 82.9631, 59.8236

Sweetspot

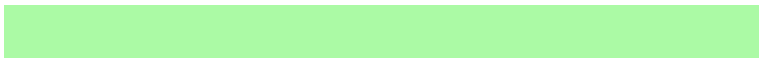
The Sweet Spot groups the original color and five complimentary colors.



66.1865, 82.9664, 98.9133



86.0422, 95.3841, 107.2221



57.7018, 79.7117, 47.9438



18.1664, 20.2880, 22.9006



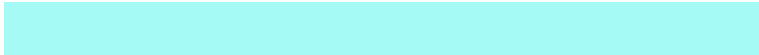
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

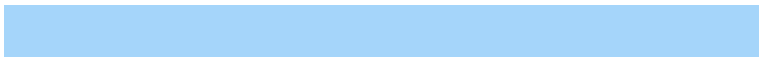
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.1865, 82.9664, 98.9133



65.4956, 84.8768, 102.4281



56.6111, 62.5766, 99.5409



17.7191, 19.5899, 21.9874



26.1283, 39.4643, 48.1463



2.4330, 3.6603, 4.5279

Inverse Universe

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



60.1381, 50.1390, 44.5416



58.2703, 45.6374, 37.4587



67.3002, 65.2064, 44.6381



17.2860, 17.2418, 18.0960



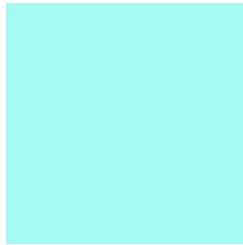
20.9729, 10.8049, 1.3000



1.9565, 1.0064, 0.1946

Previews

White Background



This preview shows how the XYZ color 66.1841, 82.9631, 98.9114 looks on a white background.

Color Contrast Check

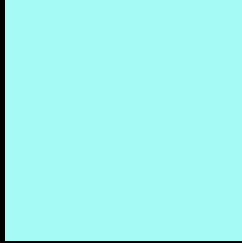
Large Text (above 18pt) WCAG AA × Fail

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 66.1841, 82.9631, 98.9114 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 66.1841, 82.9631, 98.9114

Background



This preview shows how black text looks on a background with the XYZ color 66.1841, 82.9631, 98.9114.



This preview shows how white text looks on a background with the XYZ color 66.1841, 82.9631,

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

66.1841, 82.9631, 98.9114

Protanopia

79.3942, 82.4531, 90.3278

Deuteranopia

83.7913, 81.9800, 101.8499



Tritanopia

72.8281, 82.5946, 106.7116

Trichromacy



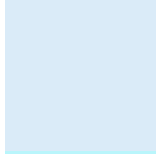
Original Color

66.1841, 82.9631, 98.9114



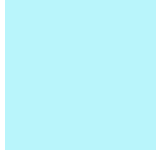
Protanomaly

73.3105, 81.8139, 93.5891



Deuteranomaly

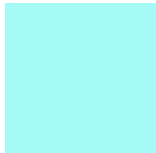
75.5651, 81.0994, 100.4780



Tritanomaly

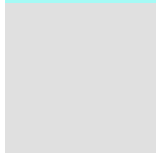
70.0726, 82.5841, 103.5139

Monochromacy



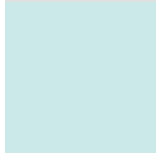
Original Color

66.1841, 82.9631, 98.9114



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

68.3330, 76.8005, 87.5664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1841, 82.9631, 98.9114 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(165, 250, 245)` looks like.

```
.text, #text, p{  
    color:rgb(165, 250, 245)  
}
```

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(165, 250, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 250, 245) }
```

Border

The CSS property to change the border of an element to XYZ 66.1841, 82.9631, 98.9114 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(165, 250, 245) }
```


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

```
.border{ border-color:rgb(165, 250, 245) }
```

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

Here you see how a box with a 4 pixel rgb(165, 250, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 250, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 250, 245);  
box-shadow:4px 4px 4px 4px rgb(165, 250,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1841, 82.9631, 98.9114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 250, 245) }
```

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

```
.background{ background-color: rgb(165,  
250, 245) }
```

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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