

Converting Colors

XYZ(66.1064, 83.7820,
105.7087)

Have a look what the booklet for
XYZ(66.1064, 83.7820, 105.7087)
contains.

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Color

**XYZ(66.0576, 83.6812,
105.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFCFD
RGB	155, 252, 253
RGB Percent	61%, 99%, 99%
CMY	0.3921, 0.0117, 0.0078
CMYK	0.39, 0.00, 0.00, 0.01
HSL	181°, 96%, 80%
HSV	181°, 39%, 99%
XYZ	66.0576, 83.6812, 105.5990
YIQ	223.1110, -58.1330, -20.2530

Conversions

Conversions Part 2

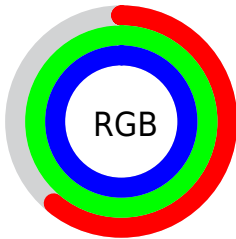
Format	Color
RYB	155, 204, 253
Decimal	10222845
CIELab	93.31, -28.28, -9.50
CIELCh	93, 29.833, 198.569
Yxy	83.6812, 0.2587, 0.3277
Android (android.graphics.Color)	4288412925 (0xFF9BFCFD)
YUV	223.1110, 14.7353, -59.7333
Hunter-Lab	91.4774, -31.1872, -4.4085

Details

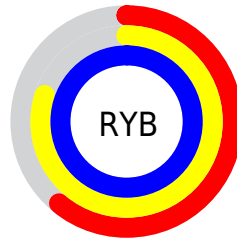
The XYZ color **66.0576, 83.6812, 105.5990** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.3142, 47.0272, 37.0159**, and the grayscale version is **70.1484, 73.8016, 80.3699**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **34.4087, 45.5571, 59.2044** is the 20% darker color. If you saturate the color by 10%, you get **61.6215, 81.2763, 105.3701**, and if you desaturate by 10%, it is **71.5160, 86.6172, 105.8795**.

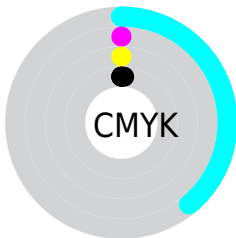
Distribution



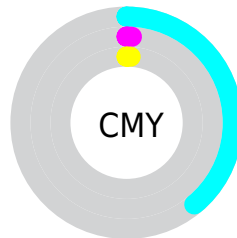
- Red (61%)
- Green (99%)
- Blue (99%)



- Red (61%)
- Yellow (80%)
- Blue (99%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (39%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0576, 83.6812, 105.5990 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 66.0576, 83.6812, 105.5990 by changing the saturation by 10% instead.

66.0576, 83.6812,
105.5990

66.0576, 83.6812,
105.5990

436.0682,
507.2540, 599.3976

48.5870, 62.7523,
80.3418

112.6263,
138.5291, 170.9492

34.5052, 45.6408,
59.4719

142.4551,
173.2169, 211.8793

23.4467, 31.9625,
42.5706

177.1340,
213.2598, 258.8707

15.0462, 21.3328,
29.2194

217.0285,
259.0421, 312.3421

8.9383, 13.3675,
18.9999

262.5038,
310.9483, 372.7119

4.7578, 7.6821,
11.4934

313.9253,

2.1391, 3.8922,

369.3627, 440.3988

6.2814

371.6583,
434.6698, 515.8211

0.7104, 1.6135,
2.9454

0.0000, 0.3666,
1.0668

66.0576, 83.6812,
105.5990

66.0576, 83.6812,
105.5990

61.6215, 81.2763,
105.3701

71.5160, 86.6172,
105.8795

58.1361, 79.3598,
105.1838

78.0476, 90.1047,
106.2084

55.5327, 77.8980,
105.0389

85.7091, 94.1748,
106.5902

53.7299, 76.8491,
104.9315

94.1060, 98.6242,
107.0064

■ 52.6315, 76.1636,
104.8570

94.1874, 98.7869,
107.0335

■ 52.0985, 75.7697,
104.8091

94.2689, 98.9499,
107.0607

■ 52.0483, 75.7287,
104.8038

94.3504, 99.1130,
107.0879

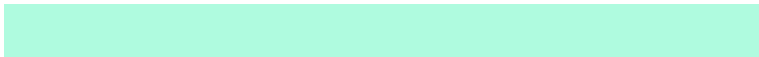
94.4321, 99.2764,
107.1151

94.5139, 99.4400,
107.1424

Harmonies

Analogous

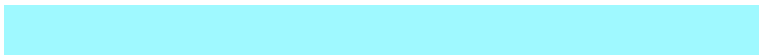
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.6284, 83.6812, 82.8056



66.0576, 83.6812, 105.5990



69.9524, 83.6812, 127.5565

Triad

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



66.0576, 83.6812, 105.5990



91.4097, 83.6812, 122.8490



82.5684, 83.6812, 54.9450

Complementary

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



66.0576, 83.6812, 105.5990



58.3142, 47.0272, 37.0159

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.



89.9582, 83.6812, 62.3724



66.0576, 83.6812, 105.5990



95.2825, 83.6812, 99.9616

Square

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



66.0576, 83.6812, 105.5990



84.4451, 83.6812, 138.5916



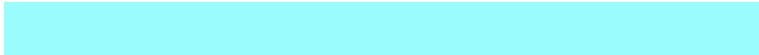
94.7344, 83.6812, 78.0192



74.8219, 83.6812, 55.9461

Rectangle

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



66.0576, 83.6812, 105.5990



74.1431, 83.6812, 137.6162



94.7344, 83.6812, 78.0192



85.1853, 83.6812, 56.4818

Sweetspot

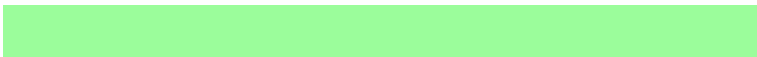
The Sweet Spot groups the original color and five complimentary colors.



66.0601, 83.6845, 105.6009



84.5753, 94.4527, 108.3813



54.5610, 79.5874, 43.4985



17.8809, 20.0991, 23.1870



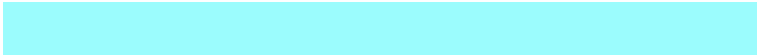
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



66.0601, 83.6845, 105.6009



63.8620, 83.3584, 107.3316



52.8419, 57.2481, 101.1949



18.5381, 20.4478, 23.2197



27.6945, 40.2985, 55.7533



2.7014, 3.9336, 5.4301

Inverse Universe

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



69.8021, 51.3557, 98.3327



68.1439, 46.4943, 98.9860



68.0190, 66.4369, 40.2509



18.7843, 18.2970, 22.7471



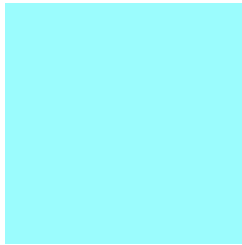
30.7671, 14.7961, 49.5514



2.9982, 1.4416, 4.8377

Previews

White Background



This preview shows how the XYZ color 66.0576, 83.6812, 105.5990 looks on a white background.

Color Contrast Check

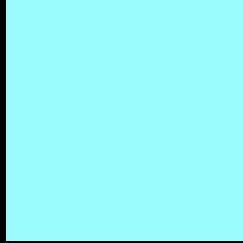
Large Text (above 18pt) WCAG AA × Fail

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 66.0576, 83.6812, 105.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

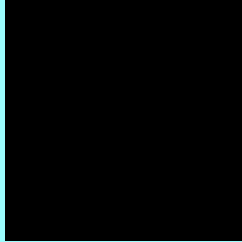
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0576, 83.6812, 105.5990

Background



This preview shows how black text looks on a background with the XYZ color 66.0576, 83.6812, 105.5990.

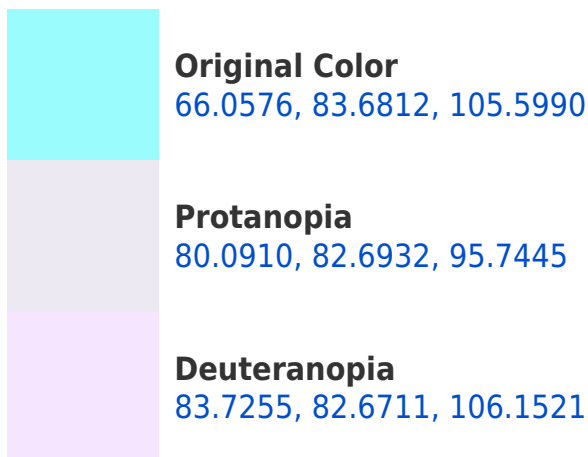


This preview shows how white text looks on a background with the XYZ color 66.0576, 83.6812,

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

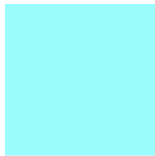




Tritanopia

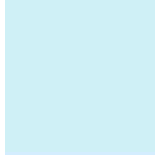
73.1265, 83.1915, 106.8111

Trichromacy



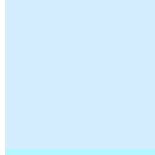
Original Color

66.0576, 83.6812, 105.5990



Protanomaly

73.5268, 82.2394, 99.1873



Deuteranomaly

75.3250, 81.7212, 105.5696



Tritanomaly

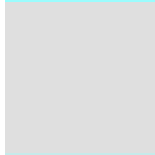
70.1366, 83.0124, 106.0923

Monochromacy



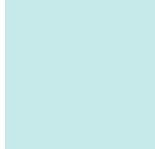
Original Color

66.0576, 83.6812, 105.5990



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

67.5628, 76.7919, 89.1033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0576, 83.6812, 105.5990 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(155, 252, 253)` looks like.

```
.text, #text, p{  
    color:rgb(155, 252, 253)  
}
```

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(155, 252, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 252, 253) }
```

Border

The CSS property to change the border of an element to XYZ 66.0576, 83.6812, 105.5990 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(155, 252, 253) }
```


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

```
.border{ border-color:rgb(155, 252, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 252, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 252, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 252, 253);  
box-shadow:4px 4px 4px 4px rgb(155, 252,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0576, 83.6812, 105.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 252, 253) }
```

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

```
.background{ background-color: rgb(155,  
252, 253) }
```

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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