

Converting Colors

XYZ(69.5083, 100.0000,
101.5814)

Have a look what the booklet for
XYZ(69.5083, 100.0000, 101.5814)
contains.

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Color

**XYZ(60.6933, 82.4873,
98.3107)**

Conversions

Conversions Part 1

Format	Color
Hex	7EFFF4
RGB	126, 255, 244
RGB Percent	49%, 100%, 96%
CMY	0.5059, 0.0000, 0.0431
CMYK	0.51, 0.00, 0.04, 0.00
HSL	175°, 100%, 75%
HSV	175°, 51%, 100%
XYZ	60.6933, 82.4873, 98.3107
YIQ	215.1750, -73.3530, -30.7690

Conversions

Conversions Part 2

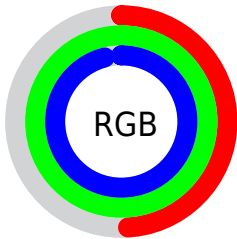
Format	Color
RYB	126, 193, 255
Decimal	8323060
CIELab	92.79, -38.36, -5.74
CIElCh	93, 38.783, 188.507
Yxy	82.4873, 0.2513, 0.3416
Android (android.graphics.Color)	4286513140 (0xFF7EFFF4)
YUV	215.1750, 14.2107, -78.2065
Hunter-Lab	90.8225, -39.6545, -0.6026

Details

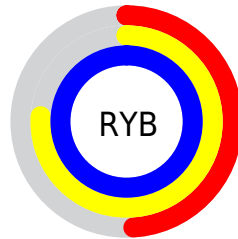
The XYZ color **60.6933, 82.4873, 98.3107** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **53.2171, 37.9893, 28.1960**, and the grayscale version is **64.6526, 68.0196, 74.0733**.

A 20% lighter version of the original color is **74.3035, 89.3048, 107.9291**, and **31.1347, 44.9797, 54.6179** is the 20% darker color. If you saturate the color by 10%, you get **57.0727, 80.6587, 96.4294**, and if you desaturate by 10%, it is **65.2780, 84.8124, 100.2603**.

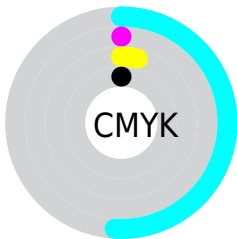
Distribution



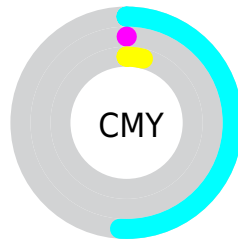
- Red (49%)
- Green (100%)
- Blue (96%)



- Red (49%)
- Yellow (76%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6933, 82.4873, 98.3107 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 60.6933, 82.4873, 98.3107 by changing the saturation by 10% instead.

60.6933, 82.4873,
98.3107

60.6933, 82.4873,
98.3107

416.9425,
503.2762, 575.9633

44.2293, 61.7673,
74.2815

104.9354,
136.8572, 160.8653

31.0495, 44.8447,
54.5263

133.4441,
171.2758, 200.2278

20.7886, 31.3351,
38.6265

166.6985,
211.0294, 245.5385

13.0811, 20.8542,
26.1637

205.0639,
256.5024, 297.2159

7.5618, 13.0174,
16.7193

248.9057,
308.0792, 355.6785

3.8653, 7.4406,
9.8747

298.5891,

1.6262, 3.7391,

366.1442, 421.3449

5.2115

354.4796,
431.0817, 494.6337

■ 0.4094, 1.5287,
2.3110

■ 0.0000, 0.3088,
0.7373

■ 60.6933, 82.4873,
98.3107

■ 60.6933, 82.4873,
98.3107

■ 57.0727, 80.6587,
96.4294

■ 65.2780, 84.8124,
100.2603

■ 54.3388, 79.2868,
94.6084

■ 70.8903, 87.6668,
102.2770

■ 52.4073, 78.3281,
92.8451

■ 77.5917, 91.0822,
104.3652

■ 51.1763, 77.7301,
91.1348

■ 85.4381, 95.0875,
106.5274

■ 50.5049, 77.4180,
89.5658

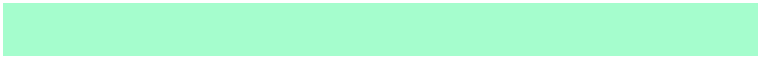
94.4816, 99.7094,
108.7663

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



61.6584, 82.4873, 70.9094



60.6933, 82.4873, 98.3107



64.1429, 82.4873, 129.1589

Triad

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



60.6933, 82.4873, 98.3107



91.1478, 82.4873, 140.8463



85.7474, 82.4873, 47.3099

Complementary

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



60.6933, 82.4873, 98.3107



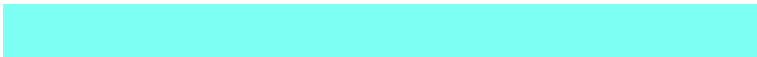
53.2171, 37.9893, 28.1960

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.



94.6310, 82.4873, 59.4014



60.6933, 82.4873, 98.3107



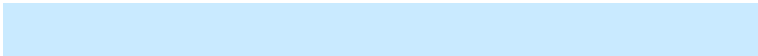
97.9309, 82.4873, 111.8127

Square

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



60.6933, 82.4873, 98.3107



81.3147, 82.4873, 156.9499



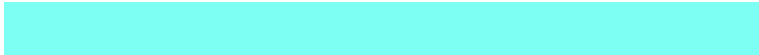
99.2576, 82.4873, 81.8227



75.5591, 82.4873, 45.2145

Rectangle

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



60.6933, 82.4873, 98.3107



68.6721, 82.4873, 146.1891



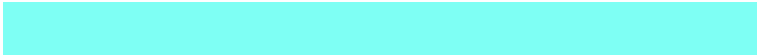
99.2576, 82.4873, 81.8227



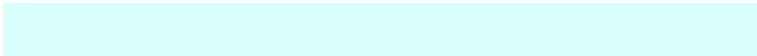
89.0094, 82.4873, 50.1921

Sweetspot

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



60.6943, 82.4878, 98.3122



81.8303, 93.2452, 105.5638



50.1578, 78.5072, 32.2502



17.1636, 19.7789, 22.4976



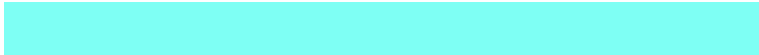
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.6943, 82.4878, 98.3122



56.9425, 80.5931, 96.3528



48.1059, 54.5580, 102.6030



18.4841, 20.4532, 22.8523



26.4177, 40.4637, 46.9464



2.5911, 3.9474, 4.6704

Inverse Universe

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



53.2171, 37.9893, 28.1960



48.7091, 31.4550, 19.0422



60.8478, 54.4495, 27.0432



18.0722, 18.0122, 18.9975



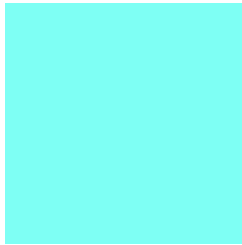
21.6446, 11.1471, 1.5131



2.1279, 1.0935, 0.2550

Previews

White Background



This preview shows how the XYZ color 60.6933, 82.4873, 98.3107 looks on a white background.

Color Contrast Check

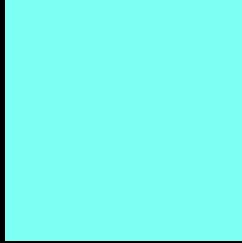
Large Text (above 18pt) WCAG AA × Fail

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 60.6933, 82.4873, 98.3107 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

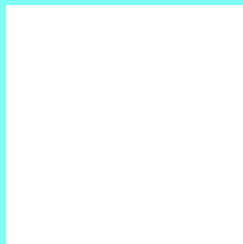
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6933, 82.4873, 98.3107

Background



This preview shows how black text looks on a background with the XYZ color 60.6933, 82.4873, 98.3107.

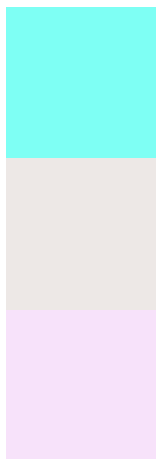


This preview shows how white text looks on a background with the XYZ color 60.6933, 82.4873,

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

60.6933, 82.4873, 98.3107

Protanopia

78.0646, 81.4309, 86.4662

Deuteranopia

82.8094, 81.0690, 101.7258



Tritanopia

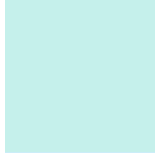
70.3503, 81.7603, 106.6812

Trichromacy



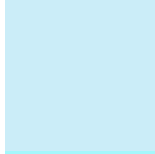
Original Color

60.6933, 82.4873, 98.3107



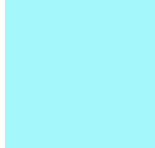
Protanomaly

69.1814, 80.1887, 90.4290



Deuteranomaly

71.8561, 80.0422, 100.4694



Tritanomaly

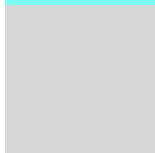
65.9832, 81.3791, 103.4968

Monochromacy



Original Color

60.6933, 82.4873, 98.3107



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.5527, 72.1519, 82.6340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6933, 82.4873, 98.3107 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(126, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(126, 255, 244)  
}
```

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(126, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 255, 244) }
```

Border

The CSS property to change the border of an element to XYZ 60.6933, 82.4873, 98.3107 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(126, 255, 244) }
```


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

```
.border{ border-color:rgb(126, 255, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(126, 255,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6933, 82.4873, 98.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 255, 244) }
```

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

```
.background{ background-color: rgb(126,  
255, 244) }
```

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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