

Converting Colors

XYZ(56.9259, 80.9550, 79.6154)

Have a look what the booklet for
XYZ(56.9259, 80.9550, 79.6154)
contains.

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Color

**XYZ(57.0036, 80.9944,
79.6469)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7DFFDB |
| RGB | 125, 255, 219 |
| RGB Percent | 49%, 100%, 86% |
| CMY | 0.5098, 0.0000, 0.1412 |
| CMYK | 0.51, 0.00, 0.14, 0.00 |
| HSL | 163°, 100%, 75% |
| HSV | 163°, 51%, 100% |
| XYZ | 57.0036, 80.9944, 79.6469 |
| YIQ | 212.0260, -65.9240, -38.7560 |

Conversions

Conversions Part 2

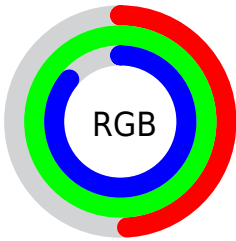
| Format | Color |
|-------------------------------------|--|
| RYB | 125, 200, 255 |
| Decimal | 8257499 |
| CIELab | 92.13, -44.42, 6.22 |
| CIELCh | 92, 44.853, 172.022 |
| Yxy | 80.9944, 0.2619, 0.3721 |
| Android (android.graphics.Color) | 4286447579 (0xFF7DFFDB) |
| YUV | 212.0260, 3.4382, -76.3218 |
| Hunter-Lab | 89.9969, -44.4335, 10.5264 |

Details

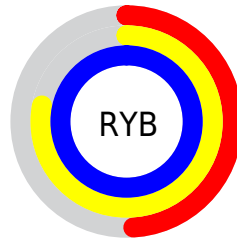
The XYZ color **57.0036, 80.9944, 79.6469** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **55.0073, 38.5016, 38.2515**, and the grayscale version is **62.6061, 65.8665, 71.7286**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **28.8194, 44.0606, 42.1076** is the 20% darker color. If you saturate the color by 10%, you get **52.8370, 78.9516, 74.7025**, and if you desaturate by 10%, it is **62.1668, 83.5464, 84.8466**.

Distribution



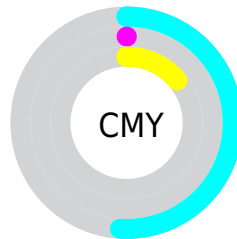
- Red (49%)
- Green (100%)
- Blue (86%)



- Red (49%)
- Yellow (78%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)




- Cyan (51%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0036, 80.9944, 79.6469 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 57.0036, 80.9944, 79.6469 by changing the saturation by 10% instead.

 57.0036, 80.9944,
79.6469


 57.0036, 80.9944,
79.6469


403.4768,
498.2777, 513.4174


 41.2483, 60.5370,
58.9034


 99.6018, 134.7629,
134.6761

 28.7017, 43.8516,
42.1158


 127.1753,
168.8428, 169.7988

 18.9984, 30.5539,
28.8658


 159.4190,
208.2323, 210.5517

 11.7731, 20.2594,
18.7346

196.6982,
253.3158, 257.3533

 6.6605, 12.5837,
11.3038

239.3782,
304.4777, 310.6221

 3.2951, 7.1425,
6.1548

287.8244,

 1.3117, 3.5514,

362.1024, 370.7767

2.8691

342.4021,
426.5743, 438.2357

■ 0.1919, 1.4259,
1.0282

■ 0.0000, 0.2357,
0.0000

■ 57.0036, 80.9944,
79.6469

■ 57.0036, 80.9944,
79.6469

■ 52.8370, 78.9516,
74.7025

■ 62.1668, 83.5464,
84.8466

■ 49.5892, 77.3780,
70.0030

■ 68.3912, 86.6409,
90.3030

■ 47.1749, 76.2295,
65.5434

■ 75.7390, 90.3098,
96.0228

■ 45.4906, 75.4531,
61.3161

■ 84.2666, 94.5823,
102.0109

■ 44.4523, 74.9969,
57.6929

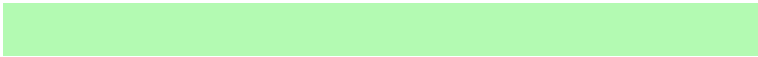
94.0266, 99.4853,
108.2723

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.



60.7590, 80.9944, 54.5335



57.0036, 80.9944, 79.6469



58.1626, 80.9944, 114.2743

Triad

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



57.0036, 80.9944, 79.6469



85.6209, 80.9944, 161.3353



91.4850, 80.9944, 46.9293

Complementary

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



57.0036, 80.9944, 79.6469



55.0073, 38.5016, 38.2515

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.



99.4791, 80.9944, 66.4102



57.0036, 80.9944, 79.6469



95.8644, 80.9944, 133.4421

Square

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



57.0036, 80.9944, 79.6469



73.9392, 80.9944, 167.4361



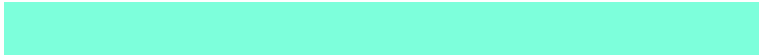
101.1572, 80.9944, 97.3213



80.1087, 80.9944, 38.9796

Rectangle

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



57.0036, 80.9944, 79.6469



61.6242, 80.9944, 138.0296



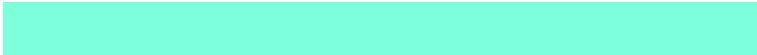
101.1572, 80.9944, 97.3213



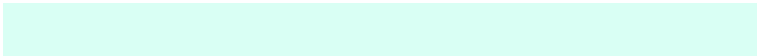
94.7020, 80.9944, 52.0736

Sweetspot

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



57.0045, 80.9949, 79.6483



80.6922, 92.7899, 99.5704



54.3290, 80.6650, 32.1099



16.8872, 19.6683, 21.0421



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.



57.0045, 80.9949, 79.6483



52.8292, 78.9478, 74.6922



53.9318, 66.4278, 104.5871



18.3277, 20.3906, 22.0284



23.2938, 39.2141, 30.4962



2.3144, 3.8367, 3.2133

Inverse Universe

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



55.0073, 38.5016, 38.2515



50.6666, 32.2380, 29.3502



56.3610, 45.5789, 25.2305



18.2160, 18.0697, 19.7548



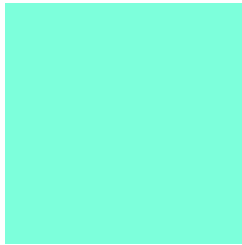
22.1905, 11.3655, 4.3876



2.2045, 1.1242, 0.6583

Previews

White Background



This preview shows how the XYZ color 57.0036, 80.9944, 79.6469 looks on a white background.

Color Contrast Check

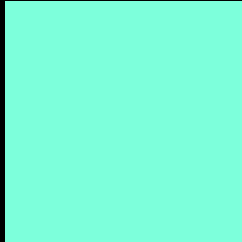
Large Text (above 18pt) WCAG AA × Fail

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 57.0036, 80.9944, 79.6469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

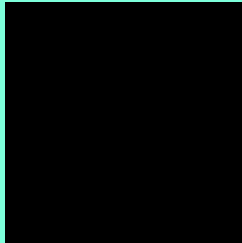
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0036, 80.9944, 79.6469

Background



This preview shows how black text looks on a background with the XYZ color 57.0036, 80.9944, 79.6469.

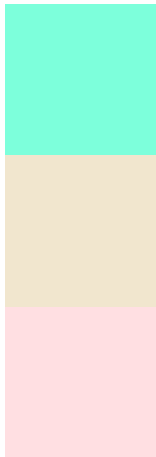


This preview shows how white text looks on a background with the XYZ color 57.0036, 80.9944,

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

57.0036, 80.9944, 79.6469

Protanopia

75.7130, 79.7506, 69.7954

Deuteranopia

81.3551, 79.5263, 83.0137



Tritanopia

68.6245, 80.4276, 106.5149

Trichromacy



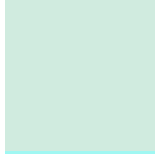
Original Color

57.0036, 80.9944, 79.6469



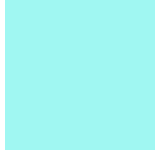
Protanomaly

66.1776, 78.5783, 73.3072



Deuteranomaly

69.0400, 78.1543, 81.2585



Tritanomaly

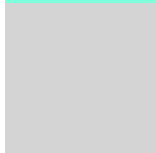
63.7850, 80.4059, 96.1625

Monochromacy



Original Color

57.0036, 80.9944, 79.6469



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

58.8315, 70.0964, 74.7192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0036, 80.9944, 79.6469 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(125, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(125, 255, 219)  
}
```

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(125, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 255, 219) }
```

Border

The CSS property to change the border of an element to XYZ 57.0036, 80.9944, 79.6469 is called "border". The border property can be set on classes, ids or directly on the HTML element.

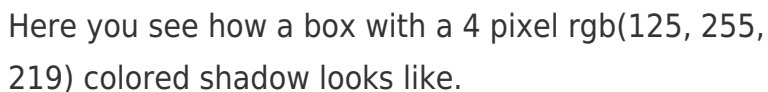
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 255, 219) }
```


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

```
.border{ border-color:rgb(125, 255, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 255, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 255, 219); box-shadow:4px 4px 4px 4px rgb(125, 255, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0036, 80.9944, 79.6469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 255, 219) }
```

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

```
.background{ background-color: rgb(125,  
255, 219) }
```

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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