

Converting Colors

XYZ(57.5330, 81.3393, 76.4201)

Have a look what the booklet for
XYZ(57.5330, 81.3393, 76.4201)
contains.

XYZ(57.5705, 81.3616, 76.2884)	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(57.5705, 81.3616,
76.2884)**

Conversions

Conversions Part 1

Format	Color
Hex	85FFD6
RGB	133, 255, 214
RGB Percent	52%, 100%, 84%
CMY	0.4784, 0.0000, 0.1608
CMYK	0.48, 0.00, 0.16, 0.00
HSL	160°, 100%, 76%
HSV	160°, 48%, 100%
XYZ	57.5705, 81.3616, 76.2884
YIQ	213.8480, -59.5510, -38.6150

Conversions

Conversions Part 2

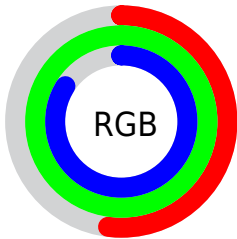
Format	Color
RYB	133, 206, 255
Decimal	8781782
CIELab	92.29, -43.73, 9.08
CIELCh	92, 44.660, 168.275
Yxy	81.3616, 0.2675, 0.3780
Android (android.graphics.Color)	4286971862 (0xFF85FFD6)
YUV	213.8480, 0.0749, -70.9037
Hunter-Lab	90.2007, -43.9237, 12.9952

Details

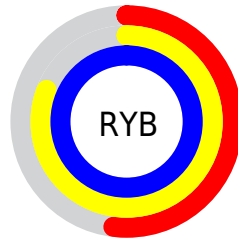
The XYZ color **57.5705, 81.3616, 76.2884** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **57.2682, 41.0922, 44.9585**, and the grayscale version is **63.8427, 67.1675, 73.1454**.

A 20% lighter version of the original color is **75.5482, 89.9465, 107.9873**, and **29.1246, 44.2691, 39.8107** is the 20% darker color. If you saturate the color by 10%, you get **52.9559, 79.1058, 70.5096**, and if you desaturate by 10%, it is **63.2214, 84.1449, 82.4190**.

Distribution



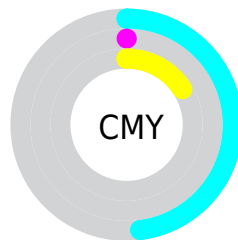
- Red (52%)
- Green (100%)
- Blue (84%)



- Red (52%)
- Yellow (81%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5705, 81.3616, 76.2884 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 57.5705, 81.3616, 76.2884 by changing the saturation by 10% instead.


 57.5705, 81.3616,
76.2884


 57.5705, 81.3616,
76.2884


405.5633,
499.5098, 501.7075


 41.7054, 60.8395,
56.1610


 100.4237,
135.2784, 129.8983

 29.0608, 44.0956,
39.9271


 128.1425,
169.4418, 164.2179

 19.2713, 30.7457,
27.1684


 160.5432,
208.9211, 204.1052

 11.9716, 20.4053,
17.4662

197.9912,
254.1007, 249.9788

 6.7964, 12.6900,
10.4019

240.8519,
305.3650, 302.2574

 3.3803, 7.2154,
5.5572

289.4906,

 1.3579, 3.5972,

363.0983, 361.3593

2.5134

344.2726,
427.6851, 427.7031

0.2259, 1.4509,
0.8472

0.0000, 0.2538,
0.0000

57.5705, 81.3616,
76.2884

57.5705, 81.3616,
76.2884

52.9559, 79.1058,
70.5096

63.2214, 84.1449,
82.4190

49.3024, 77.3389,
65.0705

69.9718, 87.4883,
88.9048

46.5280, 76.0189,
59.9638

77.8825, 91.4230,
95.7544

44.5353, 75.0954,
55.1803

87.0090, 95.9775,
102.9746

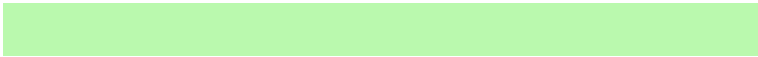
■ 43.1943, 74.5017, 95.0500, 100.0000,
50.7090 108.9000

■ 42.9501, 74.3960,
49.7825

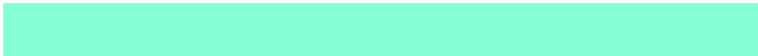
Harmonies

Analogous

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



61.9200, 81.3616, 52.6576



57.5705, 81.3616, 76.2884



58.1114, 81.3616, 110.0559

Triad

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



57.5705, 81.3616, 76.2884



84.5032, 81.3616, 163.7013



93.0657, 81.3616, 49.1095

Complementary

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



57.5705, 81.3616, 76.2884



57.2682, 41.0922, 44.9585

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.



100.3820, 81.3616, 70.1125



57.5705, 81.3616, 76.2884



95.1095, 81.3616, 137.9914

Square

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



57.5705, 81.3616, 76.2884



72.9082, 81.3616, 166.5486



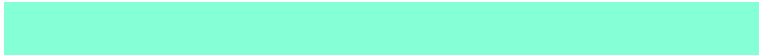
101.1651, 81.3616, 102.1454



81.9307, 81.3616, 39.7849

Rectangle

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



57.5705, 81.3616, 76.2884



61.1823, 81.3616, 134.0894



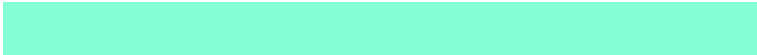
101.1651, 81.3616, 102.1454



96.0990, 81.3616, 54.7575

Sweetspot

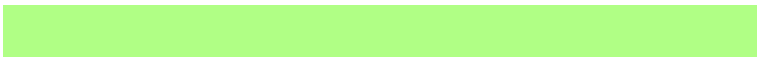
The Sweet Spot groups the original color and five complimentary colors.



57.5713, 81.3620, 76.2898



81.2418, 93.0979, 98.4839



57.8312, 82.4090, 35.0502



16.9805, 19.7230, 20.7500



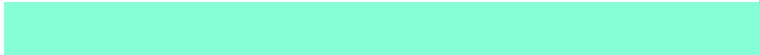
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



57.5713, 81.3620, 76.2898



53.3062, 79.2763, 70.9828



57.9210, 72.6020, 105.5686



18.2802, 20.3716, 21.7783



22.5147, 38.9025, 26.3937



2.2431, 3.8082, 2.8380

Inverse Universe

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



57.2682, 41.0922, 44.9585



52.9926, 34.8222, 36.5005



56.5894, 45.1845, 27.9306



18.2612, 18.0878, 19.9925



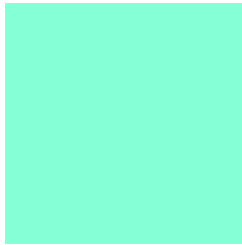
22.4819, 11.4821, 5.9224



2.2375, 1.1374, 0.8318

Previews

White Background



This preview shows how the XYZ color 57.5705, 81.3616, 76.2884 looks on a white background.

Color Contrast Check

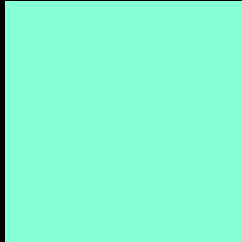
Large Text (above 18pt) WCAG AA × Fail

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 57.5705, 81.3616, 76.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

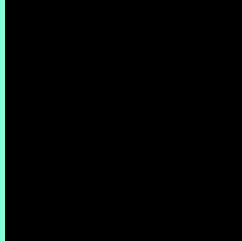
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5705, 81.3616, 76.2884

Background



This preview shows how black text looks on a background with the XYZ color 57.5705, 81.3616, 76.2884.



This preview shows how white text looks on a background with the XYZ color 57.5705, 81.3616,

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

57.5705, 81.3616, 76.2884

Protanopia

75.7365, 80.2461, 66.7556

Deuteranopia

81.0805, 79.8452, 80.2455



Tritanopia

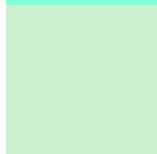
69.5693, 80.9146, 106.5591

Trichromacy



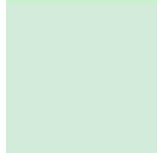
Original Color

57.5705, 81.3616, 76.2884



Protanomaly

66.6578, 79.3330, 70.1921



Deuteranomaly

69.3585, 78.3800, 78.4911



Tritanomaly

64.5060, 80.8121, 94.6366

Monochromacy



Original Color

57.5705, 81.3616, 76.2884



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.1645, 71.2080, 74.1918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5705, 81.3616, 76.2884 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(133, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 214)  
}
```

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(133, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 214) }
```

Border

The CSS property to change the border of an element to XYZ 57.5705, 81.3616, 76.2884 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(133, 255, 214) }
```


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

```
.border{ border-color:rgb(133, 255, 214) }
```

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

Here you see how a box with a 4 pixel rgb(133, 255, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5705, 81.3616, 76.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 214) }
```

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

```
.background{ background-color: rgb(133,  
255, 214) }
```

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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