

Converting Colors

XYZ(63.3947, 92.8823, 79.0984)

Have a look what the booklet for
XYZ(63.3947, 92.8823, 79.0984)
contains.

XYZ(57.5415, 81.3318, 76.9558)	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(57.5415, 81.3318,
76.9558)**

Conversions

Conversions Part 1

Format	Color
Hex	84FFD7
RGB	132, 255, 215
RGB Percent	52%, 100%, 84%
CMY	0.4823, 0.0000, 0.1569
CMYK	0.48, 0.00, 0.16, 0.00
HSL	160°, 100%, 76%
HSV	160°, 48%, 100%
XYZ	57.5415, 81.3318, 76.9558
YIQ	213.6630, -60.4680, -38.5160

Conversions

Conversions Part 2

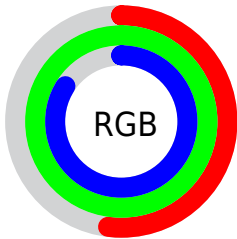
Format	Color
RYB	132, 205, 255
Decimal	8716247
CIELab	92.28, -43.74, 8.54
CIElCh	92, 44.568, 168.958
Yxy	81.3318, 0.2666, 0.3768
Android (android.graphics.Color)	4286906327 (0xFF84FFD7)
YUV	213.6630, 0.6591, -71.6185
Hunter-Lab	90.1841, -43.9313, 12.5356

Details

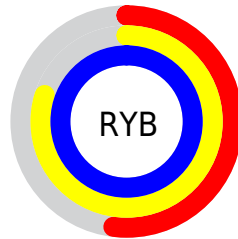
The XYZ color **57.5415, 81.3318, 76.9558** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **56.9384, 40.7423, 43.8939**, and the grayscale version is **63.7151, 67.0332, 72.9992**.

A 20% lighter version of the original color is **75.2959, 89.8164, 107.9755**, and **29.1378, 44.2658, 40.2661** is the 20% darker color. If you saturate the color by 10%, you get **52.9909, 79.1059, 71.3215**, and if you desaturate by 10%, it is **63.1222, 84.0825, 82.9231**.

Distribution



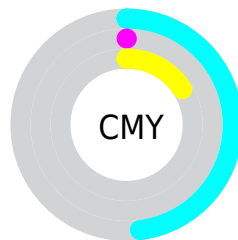
- Red (52%)
- Green (100%)
- Blue (84%)



- Red (52%)
- Yellow (80%)
- 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 57.5415, 81.3318, 76.9558 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 57.5415, 81.3318, 76.9558 by changing the saturation by 10% instead.


 57.5415, 81.3318,
76.9558


 57.5415, 81.3318,
76.9558


405.4567,
499.4098, 504.0470


 41.6820, 60.8149,
56.7053


 100.3817,
135.2366, 130.8495

 29.0424, 44.0758,
40.3609


 128.0931,
169.3932, 165.3298

 19.2573, 30.7301,
27.5041


 160.4858,
208.8652, 205.3904

 11.9615, 20.3934,
17.7164

197.9252,
254.0370, 251.4498

 6.7895, 12.6813,
10.5792

240.7766,
305.2930, 303.9267

 3.3759, 7.2095,
5.6741

289.4054,

 1.3555, 3.5935,

363.0175, 363.2394

2.5824

344.1770,
427.5950, 429.8067

■ 0.2242, 1.4489,
0.8833

■ 0.0000, 0.2523,
0.0000

■ 57.5415, 81.3318,
76.9558

■ 57.5415, 81.3318,
76.9558

■ 52.9909, 79.1059,
71.3215

■ 63.1222, 84.0825,
82.9231

■ 49.3949, 77.3660,
66.0083

■ 69.7963, 87.3905,
89.2262

■ 46.6712, 76.0697,
61.0096

■ 77.6247, 91.2872,
95.8733

■ 44.7217, 75.1665,
56.3164

■ 86.6631, 95.8011,
102.8709

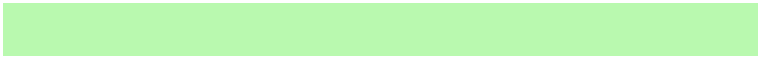
■ 43.4115, 74.5871, 95.0500, 100.0000,
51.9180 108.9000

■ 43.2136, 74.5014,
51.1699

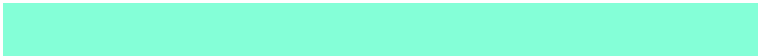
Harmonies

Analogous

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



61.7749, 81.3318, 53.0988



57.5415, 81.3318, 76.9558



58.1938, 81.3318, 110.7999

Triad

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



57.5415, 81.3318, 76.9558



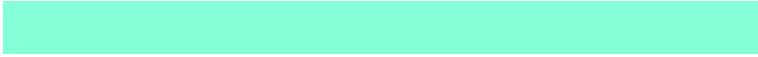
84.7233, 81.3318, 163.1013



92.7753, 81.3318, 48.8175

Complementary

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



57.5415, 81.3318, 76.9558



56.9384, 40.7423, 43.8939

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.



100.1961, 81.3318, 69.5091



57.5415, 81.3318, 76.9558



95.2379, 81.3318, 137.0700

Square

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



57.5415, 81.3318, 76.9558



73.1389, 81.3318, 166.5296



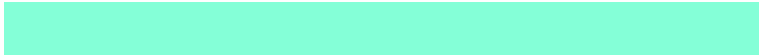
101.1396, 81.3318, 101.2681



81.6231, 81.3318, 39.7541

Rectangle

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



57.5415, 81.3318, 76.9558



61.3300, 81.3318, 134.7183



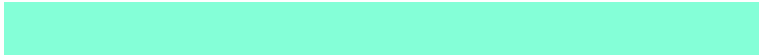
101.1396, 81.3318, 101.2681



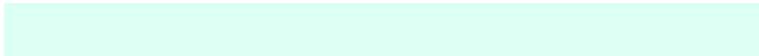
95.8343, 81.3318, 54.3657

Sweetspot

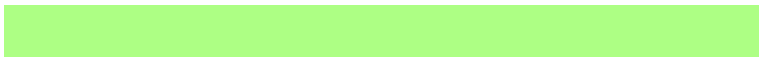
The Sweet Spot groups the original color and five complimentary colors.



57.5424, 81.3323, 76.9572



81.3005, 93.1213, 98.7927



57.1593, 82.0706, 34.6599



16.9948, 19.7287, 20.8256



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

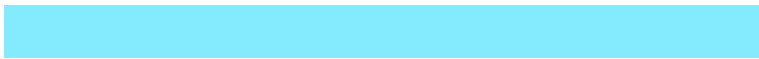
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.5424, 81.3323, 76.9572



53.0861, 79.1523, 71.4494



57.1319, 71.2570, 105.3505



18.2888, 20.3751, 21.8241



22.6515, 38.9572, 27.1140



2.2557, 3.8132, 2.9044

Inverse Universe

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



56.9384, 40.7423, 43.8939



52.4411, 34.1694, 34.9285



56.7153, 45.5463, 27.6334



18.2529, 18.0845, 19.9487



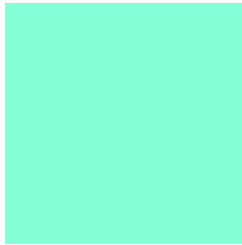
22.4236, 11.4587, 5.6153



2.2310, 1.1348, 0.7979

Previews

White Background



This preview shows how the XYZ color 57.5415, 81.3318, 76.9558 looks on a white background.

Color Contrast Check

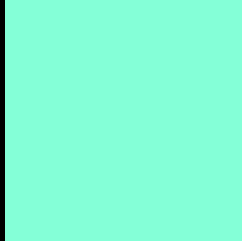
Large Text (above 18pt) WCAG AA × Fail

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 57.5415, 81.3318, 76.9558 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

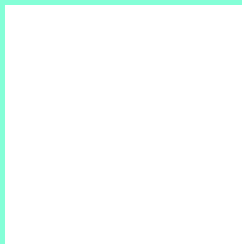
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5415, 81.3318, 76.9558

Background



This preview shows how black text looks on a background with the XYZ color 57.5415, 81.3318, 76.9558.

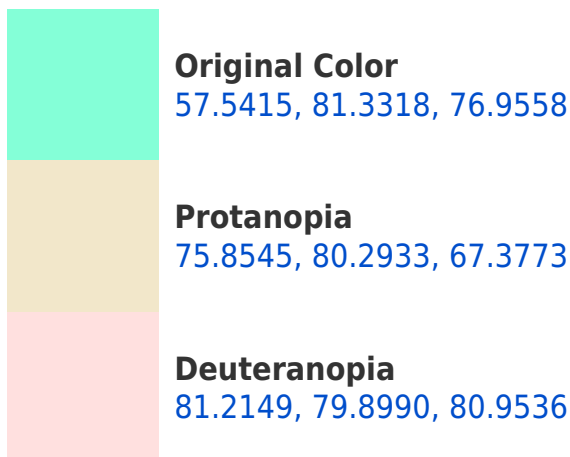


This preview shows how white text looks on a background with the XYZ color 57.5415, 81.3318,

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

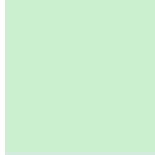
69.5693, 80.9146, 106.5591

Trichromacy



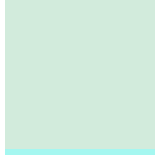
Original Color

57.5415, 81.3318, 76.9558



Protanomaly

66.7797, 79.3817, 70.8340



Deuteranomaly

69.2049, 78.2856, 79.1733



Tritanomaly

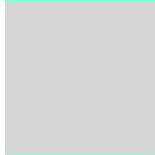
64.5060, 80.8121, 94.6366

Monochromacy



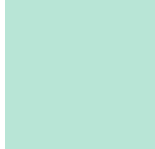
Original Color

57.5415, 81.3318, 76.9558



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

59.9241, 71.0840, 74.1806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5415, 81.3318, 76.9558 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(132, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(132, 255, 215)  
}
```

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(132, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 255, 215) }
```

Border

The CSS property to change the border of an element to XYZ 57.5415, 81.3318, 76.9558 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(132, 255, 215) }
```


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

```
.border{ border-color:rgb(132, 255, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(132, 255,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5415, 81.3318, 76.9558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 255, 215) }
```

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

```
.background{ background-color: rgb(132,  
255, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor