

Converting Colors

XYZ(50.4112, 75.7129, 43.5820)

Have a look what the booklet for
XYZ(50.4112, 75.7129, 43.5820)
contains.

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Color

**XYZ(50.3577, 75.5549,
43.3819)**

Conversions

Conversions Part 1

Format	Color
Hex	8AF99C
RGB	138, 249, 156
RGB Percent	54%, 98%, 61%
CMY	0.4588, 0.0235, 0.3882
CMYK	0.45, 0.00, 0.37, 0.02
HSL	130°, 90%, 76%
HSV	130°, 45%, 98%
XYZ	50.3577, 75.5549, 43.3819
YIQ	205.2090, -36.3030, -52.4550

Conversions

Conversions Part 2

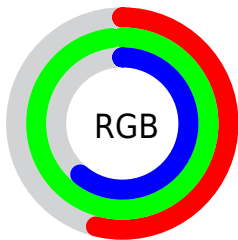
Format	Color
RYB	138, 234, 249
Decimal	9107868
CIELab	89.65, -50.81, 34.99
CIELCh	90, 61.693, 145.446
Yxy	75.5549, 0.2975, 0.4463
Android (android.graphics.Color)	4287297948 (0xFF8AF99C)
YUV	205.2090, -24.2600, -58.9423
Hunter-Lab	86.9223, -48.7016, 31.2547

Details

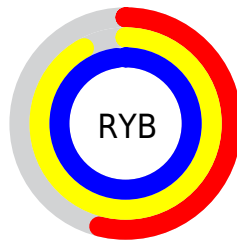
The XYZ color **50.3577, 75.5549, 43.3819** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **62.5817, 44.0878, 80.8155**, and the grayscale version is **58.3292, 61.3668, 66.8285**.

A 20% lighter version of the original color is **70.2828, 87.9589, 74.9015**, and **24.6566, 40.4042, 19.5960** is the 20% darker color. If you saturate the color by 10%, you get **45.0833, 73.0249, 34.6925**, and if you desaturate by 10%, it is **56.8837, 78.6994, 53.7169**.

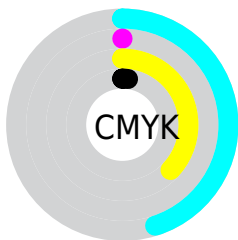
Distribution



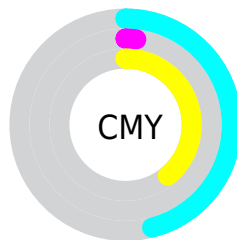
- Red (54%)
- Green (98%)
- Blue (61%)



- Red (54%)
- Yellow (92%)
- Blue (98%)



- Cyan (45%)
- Magenta (0%)
- Yellow (37%)
- Black (2%)



- Cyan (46%)
- Magenta (2%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3577, 75.5549, 43.3819 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 50.3577, 75.5549, 43.3819 by changing the saturation by 10% instead.

50.3577, 75.5549,
43.3819

50.3577, 75.5549,
43.3819

378.4920,
479.8227, 376.1472

35.9167, 56.0676,
29.8513

89.8933, 127.0975,
81.5794

24.5396, 40.2571,
19.4746

115.7185,
159.9217, 107.0833

15.8613, 27.7391,
11.8335

146.0693,
197.9602, 137.4154

9.5163, 18.1291,
6.5092

181.3108,
241.5975, 172.9942

5.1392, 11.0427,
3.0834

221.8085,
291.2180, 214.2382

2.3648, 6.0956,
1.1374

267.9277,

0.8275, 2.9033,

347.2061, 261.5660

0.0000

320.0337,
409.9462, 315.3962

0.0000, 1.0814,
0.0000

0.0000, 0.0000,
0.0000

50.3577, 75.5549,
43.3819

50.3577, 75.5549,
43.3819

45.0833, 73.0249,
34.6925

56.8837, 78.6994,
53.7169

40.9738, 71.0600,
27.5590

64.7292, 82.4852,
65.7711

37.9405, 69.6186,
21.8907

73.9639, 86.9489,
79.6197

35.8791, 68.6491,
17.5854

84.6510, 92.1216,
95.3320

■ 34.6634, 68.0888,
14.5279

■ 93.1671, 96.2342,
108.2724

■ 34.2666, 67.9100,
13.3434

Harmonies

Analogous

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



59.9884, 75.5549, 27.5190



50.3577, 75.5549, 43.3819



46.4712, 75.5549, 75.8069

Triad

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



50.3577, 75.5549, 43.3819



69.5203, 75.5549, 196.8840



101.5224, 75.5549, 51.3254

Complementary

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



50.3577, 75.5549, 43.3819



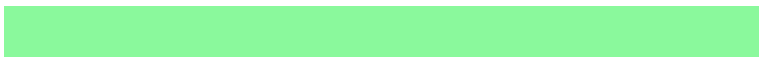
62.5817, 44.0878, 80.8155

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.



105.0120, 75.5549, 89.0829



50.3577, 75.5549, 43.3819



85.0967, 75.5549, 183.1790

Square

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



50.3577, 75.5549, 43.3819



56.4985, 75.5549, 172.0942



98.6314, 75.5549, 139.3644



89.6707, 75.5549, 30.8425

Rectangle

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



50.3577, 75.5549, 43.3819



47.1946, 75.5549, 106.5964



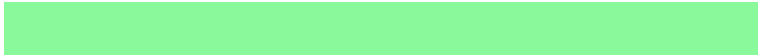
98.6314, 75.5549, 139.3644



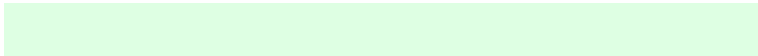
103.7774, 75.5549, 61.9526

Sweetspot

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



50.3596, 75.5580, 43.3836



79.7346, 92.5844, 86.5047



71.8585, 86.8044, 37.0130



16.5663, 19.5749, 17.7738



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.



50.3596, 75.5580, 43.3836



48.3499, 77.4483, 37.9001



56.0107, 77.8185, 73.1416



17.1322, 19.3551, 18.8965



18.3752, 36.3631, 7.3192



1.7338, 3.3806, 0.8461

Inverse Universe

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



62.5817, 44.0878, 80.8155



62.6583, 40.5448, 81.6767



56.0785, 41.4865, 46.5701



17.8650, 17.4734, 21.1450



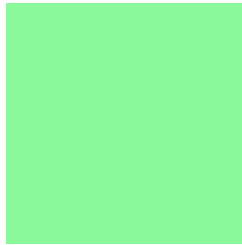
27.0920, 13.2525, 33.5227



2.5404, 1.2399, 3.2693

Previews

White Background



This preview shows how the XYZ color 50.3577, 75.5549, 43.3819 looks on a white background.

Color Contrast Check

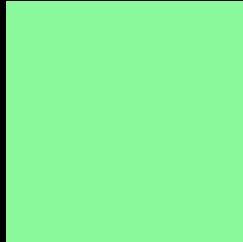
Large Text (above 18pt) WCAG AA × Fail

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 50.3577, 75.5549, 43.3819 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 50.3577, 75.5549, 43.3819

Background



This preview shows how black text looks on a background with the XYZ color 50.3577, 75.5549, 43.3819.



This preview shows how white text looks on a background with the XYZ color 50.3577, 75.5549,

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

50.3577, 75.5549, 43.3819

Protanopia

68.8061, 74.4413, 37.9363

Deuteranopia

74.4964, 74.2631, 54.6638



Tritanopia

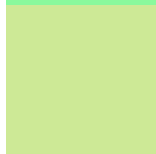
63.2345, 75.4698, 105.8421

Trichromacy



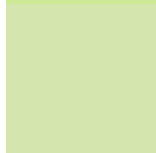
Original Color

50.3577, 75.5549, 43.3819



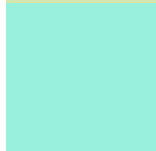
Protanomaly

59.8208, 73.4590, 39.8803



Deuteranomaly

62.7135, 73.0528, 50.3304



Tritanomaly

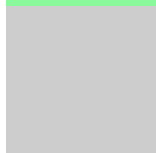
57.3783, 74.7974, 78.4310

Monochromacy



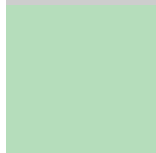
Original Color

50.3577, 75.5549, 43.3819



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

53.8821, 65.1245, 56.7441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3577, 75.5549, 43.3819 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(138, 249, 156)` looks like.

```
.text, #text, p{  
    color:rgb(138, 249, 156)  
}
```

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(138, 249, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 249, 156) }
```

Border

The CSS property to change the border of an element to XYZ 50.3577, 75.5549, 43.3819 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(138, 249, 156) }
```


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

```
.border{ border-color:rgb(138, 249, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 249, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 249, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 249, 156);  
box-shadow:4px 4px 4px 4px rgb(138, 249,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3577, 75.5549, 43.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 249, 156) }
```

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

```
.background{ background-color: rgb(138,  
249, 156) }
```

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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