

Converting Colors

XYZ(52.2474, 75.9161, 50.4295)

Have a look what the booklet for
XYZ(52.2474, 75.9161, 50.4295)
contains.

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Color

**XYZ(52.2458, 75.9147,
50.4274)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8FF8AB |
| RGB | 143, 248, 171 |
| RGB Percent | 56%, 97%, 67% |
| CMY | 0.4392, 0.0274, 0.3294 |
| CMYK | 0.42, 0.00, 0.31, 0.03 |
| HSL | 136°, 88%, 77% |
| HSV | 136°, 42%, 97% |
| XYZ | 52.2458, 75.9147, 50.4274 |
| YIQ | 207.8270, -37.8630, -46.2070 |

Conversions

Conversions Part 2

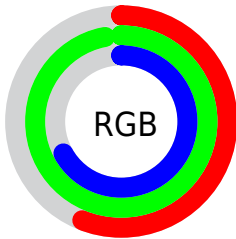
| Format | Color |
|-------------------------------------|--|
| RYB | 143, 226, 248 |
| Decimal | 9435307 |
| CIELab | 89.82, -46.54, 27.71 |
| CIElCh | 90, 54.162, 149.230 |
| Yxy | 75.9147, 0.2925, 0.4251 |
| Android (android.graphics.Color) | 4287625387 (0xFF8FF8AB) |
| YUV | 207.8270, -18.1557, -56.8533 |
| Hunter-Lab | 87.1290, -45.4406, 26.6752 |

Details

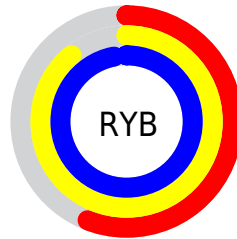
The XYZ color **52.2458, 75.9147, 50.4274** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **61.4546, 44.7704, 73.1157**, and the grayscale version is **59.9752, 63.0986, 68.7144**.

A 20% lighter version of the original color is **73.7125, 89.4836, 86.0600**, and **25.7386, 40.5480, 23.6095** is the 20% darker color. If you saturate the color by 10%, you get **46.8020, 73.2971, 41.7381**, and if you desaturate by 10%, it is **58.8811, 79.1232, 60.4209**.

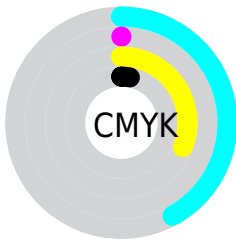
Distribution



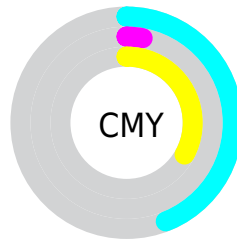
- Red (56%)
- Green (97%)
- Blue (67%)



- Red (56%)
- Yellow (89%)
- Blue (97%)



- Cyan (42%)
- Magenta (0%)
- Yellow (31%)
- Black (3%)





- Cyan (44%)
- Magenta (3%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2458, 75.9147, 50.4274 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 52.2458, 75.9147, 50.4274 by changing the saturation by 10% instead.

 52.2458, 75.9147,
50.4274

 52.2458, 75.9147,
50.4274


385.6932,
481.0557, 405.1178

 37.4261, 56.3626,
35.3796


 92.6657, 127.6063,
92.2106

 25.7128, 40.4937,
23.6695


 118.9967,
160.5146, 119.7831

 16.7404, 27.9237,
14.8787


149.8954,
198.6437, 152.3675

 10.1437, 18.2681,
8.5886

185.7272,
242.3781, 190.3824

 5.5574, 11.1427,
4.3807

226.8576,
292.1020, 234.2464

 2.6159, 6.1629,
1.8364

273.6518,

 0.9541, 2.9444,

348.2000, 284.3779

0.4518

326.4752,
411.0564, 341.1955

0.0000, 1.1028,
0.0000

0.0000, 0.0000,
0.0000

52.2458, 75.9147,
50.4274

52.2458, 75.9147,
50.4274

46.8020, 73.2971,
41.7381

58.8811, 79.1232,
60.4209

42.4708, 71.2246,
34.2939

66.7686, 82.9464,
71.7643

39.1729, 69.6596,
28.0388

75.9718, 87.4183,
84.5072

36.8156, 68.5554,
22.9104

86.5481, 92.5675,
98.6954

■ 35.2878, 67.8563,
18.8401

■ 92.8588, 95.6177,
108.1696

■ 34.5562, 67.5326,
16.3888

Harmonies

Analogous

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



60.3168, 75.9147, 33.6225



52.2458, 75.9147, 50.4274



49.3838, 75.9147, 81.6725

Triad

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



52.2458, 75.9147, 50.4274



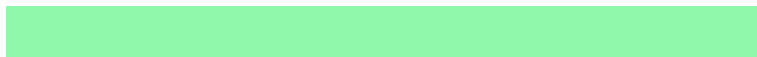
71.8096, 75.9147, 180.2774



96.9905, 75.9147, 51.6705

Complementary

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



52.2458, 75.9147, 50.4274



61.4546, 44.7704, 73.1157

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.



101.0288, 75.9147, 83.6518



52.2458, 75.9147, 50.4274



85.4481, 75.9147, 164.9789

Square

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



52.2458, 75.9147, 50.4274



59.7872, 75.9147, 163.4151



96.5702, 75.9147, 126.3285



86.1198, 75.9147, 34.1687

Rectangle

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



52.2458, 75.9147, 50.4274



50.5042, 75.9147, 109.3514



96.5702, 75.9147, 126.3285



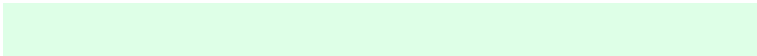
99.2474, 75.9147, 60.7061

Sweetspot

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



52.2478, 75.9178, 50.4291



80.2183, 92.7779, 89.0518



68.5758, 84.6117, 38.7047



16.6843, 19.6221, 18.3954



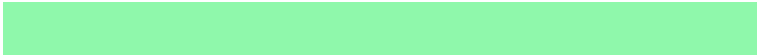
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.2478, 75.9178, 50.4291



50.5229, 78.4013, 45.5582



58.0487, 78.2382, 80.9765



17.2074, 19.3852, 19.2929



18.7158, 36.4993, 9.1125



1.7754, 3.3973, 1.0650

Inverse Universe

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



61.4546, 44.7704, 73.1157



61.5280, 41.0989, 72.6229



55.7210, 42.4769, 42.9226



17.7839, 17.4409, 20.7176



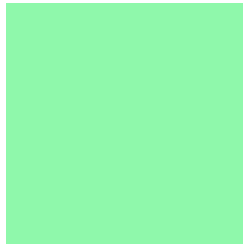
25.5270, 12.6265, 25.2812



2.4082, 1.1870, 2.5727

Previews

White Background



This preview shows how the XYZ color 52.2458, 75.9147, 50.4274 looks on a white background.

Color Contrast Check

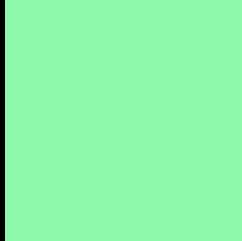
Large Text (above 18pt) WCAG AA × Fail

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 52.2458, 75.9147, 50.4274 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 52.2458, 75.9147, 50.4274

Background



This preview shows how black text looks on a background with the XYZ color 52.2458, 75.9147, 50.4274.



This preview shows how white text looks on a background with the XYZ color 52.2458, 75.9147,

50.4274.

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

52.2458, 75.9147, 50.4274

Protanopia

69.7066, 74.7618, 44.4747

Deuteranopia

75.2382, 74.5598, 58.5701



Tritanopia

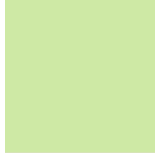
63.8512, 75.7877, 105.8709

Trichromacy



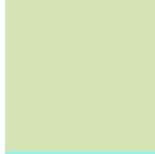
Original Color

52.2458, 75.9147, 50.4274



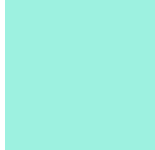
Protanomaly

61.3840, 74.1163, 46.6679



Deuteranomaly

63.9185, 73.1603, 55.0085



Tritanomaly

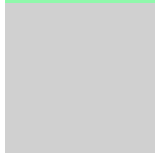
58.8145, 75.4605, 81.9865

Monochromacy



Original Color

52.2458, 75.9147, 50.4274



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

56.0052, 66.9058, 61.5921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2458, 75.9147, 50.4274 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(143, 248, 171)` looks like.

```
.text, #text, p{  
    color:rgb(143, 248, 171)  
}
```

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(143, 248, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 248, 171) }
```

Border

The CSS property to change the border of an element to XYZ 52.2458, 75.9147, 50.4274 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(143, 248, 171) }
```


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

```
.border{ border-color:rgb(143, 248, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 248, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 248, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 248, 171); box-shadow:4px 4px 4px 4px rgb(143, 248, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2458, 75.9147, 50.4274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 248, 171) }
```

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

```
.background{ background-color: rgb(143,  
248, 171) }
```

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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