

Converting Colors

XYZ(54.7343, 76.0015, 48.2245)

Have a look what the booklet for
XYZ(54.7343, 76.0015, 48.2245)
contains.

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Color

**XYZ(54.7317, 75.8814,
48.3211)**

Conversions

Conversions Part 1

Format	Color
Hex	A3F5A7
RGB	163, 245, 167
RGB Percent	64%, 96%, 65%
CMY	0.3608, 0.0392, 0.3451
CMYK	0.33, 0.00, 0.32, 0.04
HSL	123°, 80%, 80%
HSV	123°, 33%, 96%
XYZ	54.7317, 75.8814, 48.3211
YIQ	211.5900, -23.8340, -41.6420

Conversions

Conversions Part 2

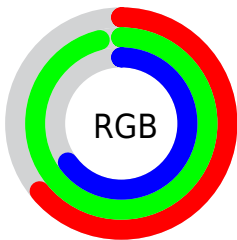
Format	Color
RYB	163, 241, 245
Decimal	10745255
CIELab	89.80, -40.07, 29.87
CIELCh	90, 49.981, 143.303
Yxy	75.8814, 0.3059, 0.4241
Android (android.graphics.Color)	4288935335 (0xFFA3F5A7)
YUV	211.5900, -21.9829, -42.6134
Hunter-Lab	87.1099, -40.2897, 28.0880

Details

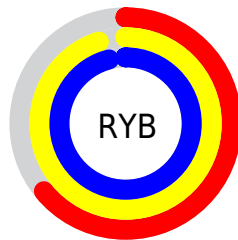
The XYZ color **54.7317, 75.8814, 48.3211** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **66.6330, 51.9592, 89.7391**, and the grayscale version is **62.4613, 65.7142, 71.5627**.

A 20% lighter version of the original color is **78.5945, 92.0634, 83.4397**, and **27.2048, 40.3695, 22.2778** is the 20% darker color. If you saturate the color by 10%, you get **48.2291, 72.7583, 37.7663**, and if you desaturate by 10%, it is **62.5983, 79.6672, 60.9695**.

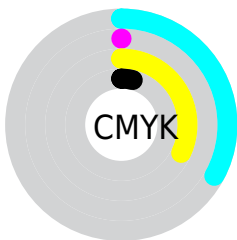
Distribution



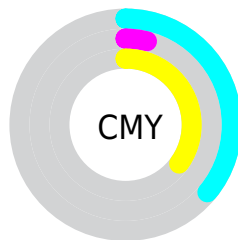
- Red (64%)
- Green (96%)
- Blue (65%)



- Red (64%)
- Yellow (95%)
- Blue (96%)



- Cyan (33%)
- Magenta (0%)
- Yellow (32%)
- Black (4%)





- Cyan (36%)
- Magenta (4%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7317, 75.8814, 48.3211 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 54.7317, 75.8814, 48.3211 by changing the saturation by 10% instead.


 54.7317, 75.8814,
48.3211


 54.7317, 75.8814,
48.3211


395.0471,
480.9416, 396.6088

 39.4199, 56.3353,
33.7194


 96.2984, 127.5592,
89.0528

 27.2688, 40.4718,
22.4025


 123.2840,
160.4597, 116.0200

 17.9128, 27.9066,
13.9518

154.8916,
198.5805, 147.9460

 10.9867, 18.2553,
7.9488

191.4866,
242.3059, 185.2495

 6.1251, 11.1334,
3.9749

233.4342,
292.0203, 228.3490

 2.9627, 6.1566,
1.6116


281.1000,

 1.1341, 2.9406,


348.1081, 277.6630


0.2991


334.8491,
410.9537, 333.6101

 0.0533, 1.1008,
0.0000


 0.0000, 0.0000,
0.0000


 54.7317, 75.8814,
48.3211


 54.7317, 75.8814,
48.3211


 48.2291, 72.7583,
37.7663

 62.5983, 79.6672,
60.9695


 43.0074, 70.2509,
29.1874

 71.8940, 84.1405,
75.8106

 38.9836, 68.3212,
22.4633

 82.6871, 89.3365,
92.9431

 36.0625, 66.9231,
17.4569

 91.9439, 93.7879,
107.8646

■ 34.1346, 66.0035,
14.0128

■ 33.0674, 65.4979,
11.9469

■ 32.7200, 65.3343,
11.2326

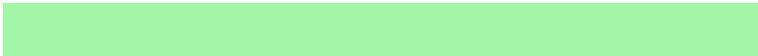
Harmonies

Analogous

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



63.1432, 75.8814, 34.6286



54.7317, 75.8814, 48.3211



51.0424, 75.8814, 74.9526

Triad

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



54.7317, 75.8814, 48.3211



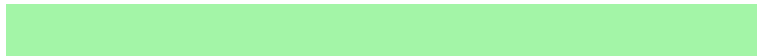
69.3929, 75.8814, 170.0888



96.1671, 75.8814, 58.5631

Complementary

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



54.7317, 75.8814, 48.3211



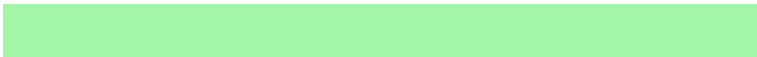
66.6330, 51.9592, 89.7391

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.



98.3304, 75.8814, 90.7973



54.7317, 75.8814, 48.3211



81.9162, 75.8814, 162.0051

Square

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



54.7317, 75.8814, 48.3211



58.8604, 75.8814, 149.9123



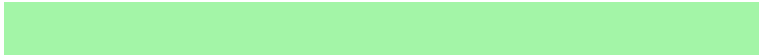
92.8558, 75.8814, 130.2119



87.2416, 75.8814, 39.2561

Rectangle

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



54.7317, 75.8814, 48.3211



51.4202, 75.8814, 99.2545



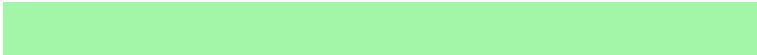
92.8558, 75.8814, 130.2119



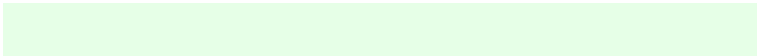
97.7482, 75.8814, 67.9598

Sweetspot

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



54.7337, 75.8846, 48.3228



82.6206, 94.0155, 89.2043



75.9761, 86.8776, 47.4155



17.3393, 19.9572, 18.5453



0.0000, 0.0000, 0.0000



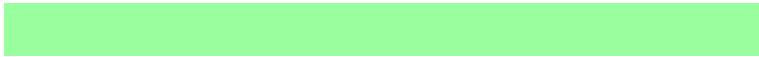
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7337, 75.8846, 48.3228



55.0664, 80.7601, 45.0234



58.9887, 77.5866, 70.7294



16.3150, 18.4851, 17.6770



17.6403, 35.2010, 6.1256



1.5617, 3.0983, 0.5979

Inverse Universe

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



66.6330, 51.9592, 89.7391



69.8902, 50.9460, 96.6113



61.3297, 49.8379, 61.8120



17.1766, 16.7535, 20.6768



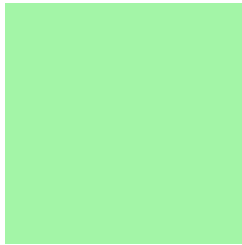
28.2286, 13.6349, 42.7739



2.4916, 1.2026, 3.8151

Previews

White Background



This preview shows how the XYZ color 54.7317, 75.8814, 48.3211 looks on a white background.

Color Contrast Check

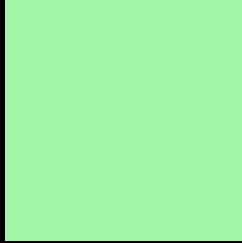
Large Text (above 18pt) WCAG AA × Fail

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 54.7317, 75.8814, 48.3211 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

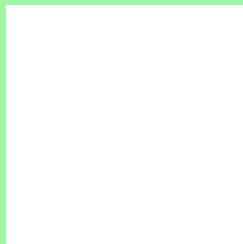
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7317, 75.8814, 48.3211

Background



This preview shows how black text looks on a background with the XYZ color 54.7317, 75.8814, 48.3211.

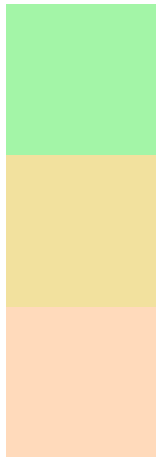


This preview shows how white text looks on a background with the XYZ color 54.7317, 75.8814,

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

54.7317, 75.8814, 48.3211

Protanopia

69.7147, 75.1963, 43.1877

Deuteranopia

75.2810, 74.9907, 57.5206



Tritanopia

65.7428, 75.5212, 104.0405

Trichromacy



Original Color

54.7317, 75.8814, 48.3211



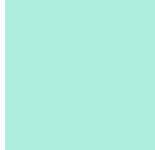
Protanomaly

62.7302, 74.4326, 44.7789



Deuteranomaly

66.1058, 74.3117, 54.0395



Tritanomaly

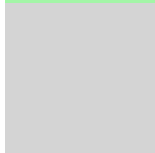
60.9929, 75.3072, 80.4283

Monochromacy



Original Color

54.7317, 75.8814, 48.3211



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

58.8676, 68.7662, 62.3951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7317, 75.8814, 48.3211 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(163, 245, 167)` looks like.

```
.text, #text, p{  
    color:rgb(163, 245, 167)  
}
```

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(163, 245, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 245, 167) }
```

Border

The CSS property to change the border of an element to XYZ 54.7317, 75.8814, 48.3211 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(163, 245, 167) }
```


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

```
.border{ border-color:rgb(163, 245, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 245, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 245, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 245, 167);  
box-shadow:4px 4px 4px 4px rgb(163, 245,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7317, 75.8814, 48.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 245, 167) }
```

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

```
.background{ background-color: rgb(163,  
245, 167) }
```

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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