

Converting Colors

XYZ(54.3604, 75.1487, 46.8917)

Have a look what the booklet for
XYZ(54.3604, 75.1487, 46.8917)
contains.

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Color

**XYZ(54.3614, 75.2742,
46.7862)**

Conversions

Conversions Part 1

Format	Color
Hex	A4F4A4
RGB	164, 244, 164
RGB Percent	64%, 96%, 64%
CMY	0.3569, 0.0431, 0.3569
CMYK	0.33, 0.00, 0.33, 0.04
HSL	120°, 78%, 80%
HSV	120°, 33%, 96%
XYZ	54.3614, 75.2742, 46.7862
YIQ	210.9600, -22.0000, -41.8400

Conversions

Conversions Part 2

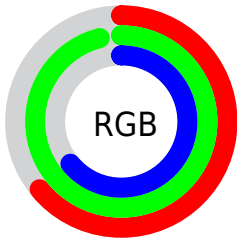
Format	Color
R_{YB}	164, 244, 244
Decimal	10810532
CIE Lab	89.52, -39.80, 31.01
CIE LCh	90, 50.452, 142.071
Yxy	75.2742, 0.3081, 0.4267
Android (android.graphics.Color)	4289000612 (0xFFA4F4A4)
YUV	210.9600, -23.1513, -41.1839
Hunter-Lab	86.7607, -39.9890, 28.7600

Details

The XYZ color **54.3614, 75.2742, 46.7862** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **66.9153, 52.3173, 92.1624**, and the grayscale version is **62.0506, 65.2821, 71.0922**.

A 20% lighter version of the original color is **78.3650, 92.0066, 80.6466**, and **26.9462, 39.9396, 21.3278** is the 20% darker color. If you saturate the color by 10%, you get **47.8046, 72.1269, 36.0598**, and if you desaturate by 10%, it is **62.3109, 79.0950, 59.7876**.

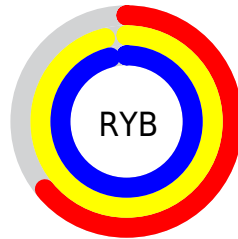
Distribution



Red (64%)

Green (96%)

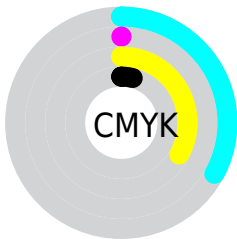
Blue (64%)



Red (64%)

Yellow (96%)

Blue (96%)

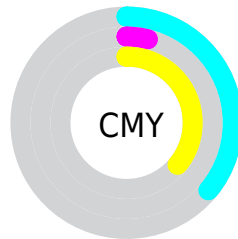


Cyan (33%)

Magenta (0%)

Yellow (33%)

Black (4%)



Cyan (36%)


Magenta (4%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3614, 75.2742, 46.7862 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 54.3614, 75.2742, 46.7862 by changing the saturation by 10% instead.


 54.3614, 75.2742,
46.7862


 54.3614, 75.2742,
46.7862


393.6625,
478.8595, 390.3295

 39.1225, 55.8376,
32.5135


 95.7585, 126.7004,
86.7410

 27.0362, 40.0727,
21.4860


 122.6473,
159.4588, 113.2603

 17.7371, 27.5952,
13.2850


154.1502,
197.4265, 144.6988

 10.8600, 18.0208,
7.4921

190.6325,
240.9880, 181.4752

 6.0393, 10.9649,
3.6886

232.4595,
290.5277, 224.0079

 2.9099, 6.0432,
1.4561

279.9966,

 1.1063, 2.8714,

346.4299, 272.7155

0.1849

333.6092,
409.0790, 328.0165

0.0304, 1.0650,
0.0000

0.0000, 0.0000,
0.0000

54.3614, 75.2742,
46.7862

54.3614, 75.2742,
46.7862

47.8046, 72.1269,
36.0598

62.3109, 79.0950,
59.7876

42.5549, 69.6052,
27.4730

71.7206, 83.6150,
75.1788

38.5266, 67.6702,
20.8839

82.6607, 88.8700,
93.0732

35.6212, 66.2746,
16.1314

91.6421, 93.1843,
107.7640

■ 33.7249, 65.3637,
13.0296

■ 32.7001, 64.8714,
11.3533

■ 32.3522, 64.7043,
10.7841

Harmonies

Analogous

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



62.9673, 75.2742, 33.6192



54.3614, 75.2742, 46.7862



50.4606, 75.2742, 72.9099

Triad

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



54.3614, 75.2742, 46.7862



68.3115, 75.2742, 169.7428



95.9557, 75.2742, 58.9165

Complementary

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



54.3614, 75.2742, 46.7862



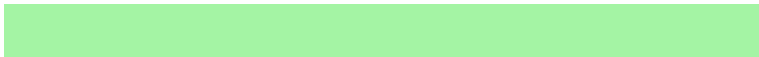
66.9153, 52.3173, 92.1624

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.



97.8126, 75.2742, 91.7313



54.3614, 75.2742, 46.7862



80.8702, 75.2742, 162.7808

Square

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



54.3614, 75.2742, 46.7862



57.8862, 75.2742, 148.3666



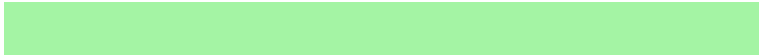
92.0166, 75.2742, 131.4245



87.2013, 75.2742, 39.0839

Rectangle

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



54.3614, 75.2742, 46.7862



50.6977, 75.2742, 97.0631



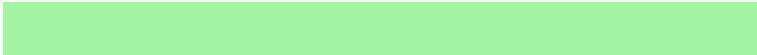
92.0166, 75.2742, 131.4245



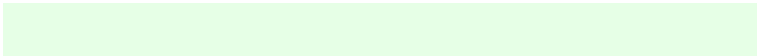
97.4450, 75.2742, 68.5124

Sweetspot

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



54.3633, 75.2774, 46.7879



82.4457, 93.9455, 88.2835



76.3630, 86.6186, 47.8169



17.2975, 19.9404, 18.3250



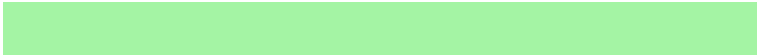
0.0000, 0.0000, 0.0000



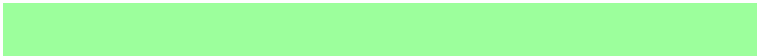
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3633, 75.2774, 46.7879



55.3462, 80.9282, 43.9573



58.5617, 76.9567, 68.8963



16.2823, 18.4721, 17.5049



17.5905, 35.1811, 5.8636



1.5460, 3.0921, 0.5154

Inverse Universe

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



66.9153, 52.3173, 92.1624



71.1029, 52.1061, 100.9165



61.4851, 50.1452, 63.5671



17.2137, 16.7683, 20.8719



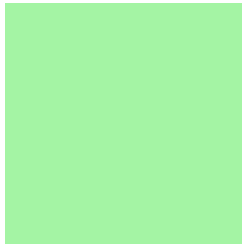
29.1648, 14.0093, 47.7035



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 54.3614, 75.2742, 46.7862 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 54.3614, 75.2742, 46.7862 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 54.3614, 75.2742, 46.7862

Background



This preview shows how black text looks on a background with the XYZ color 54.3614, 75.2742, 46.7862.



This preview shows how white text looks on a background with the XYZ color 54.3614, 75.2742,

46.7862.

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

54.3614, 75.2742, 46.7862

Protanopia

69.1900, 74.5551, 41.7542

Deuteranopia

74.7046, 74.3464, 55.7603



Tritanopia

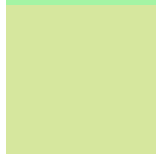
65.5320, 75.0094, 103.1198

Trichromacy



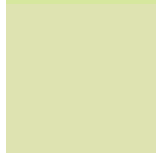
Original Color

54.3614, 75.2742, 46.7862



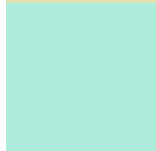
Protanomaly

62.4790, 73.9166, 43.3221



Deuteranomaly

65.5291, 73.6421, 52.3556



Tritanomaly

60.6580, 74.7344, 78.9383

Monochromacy



Original Color

54.3614, 75.2742, 46.7862



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.3734, 68.1397, 61.1146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3614, 75.2742, 46.7862 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(164, 244, 164)` looks like.

```
.text, #text, p{  
    color:rgb(164, 244, 164)  
}
```

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(164, 244, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 244, 164) }
```

Border

The CSS property to change the border of an element to XYZ 54.3614, 75.2742, 46.7862 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(164, 244, 164) }
```


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

```
.border{ border-color:rgb(164, 244, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 244, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 244, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 244, 164);  
box-shadow:4px 4px 4px 4px rgb(164, 244,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3614, 75.2742, 46.7862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 244, 164) }
```

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

```
.background{ background-color: rgb(164,  
244, 164) }
```

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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