

Converting Colors

XYZ(54.3609, 74.3644, 47.5650)

Have a look what the booklet for
XYZ(54.3609, 74.3644, 47.5650)
contains.

XYZ(54.3609, 74.3644, 47.5650)	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(54.3609, 74.3644,
47.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	A6F2A6
RGB	166, 242, 166
RGB Percent	65%, 95%, 65%
CMY	0.3490, 0.0510, 0.3490
CMYK	0.31, 0.00, 0.31, 0.05
HSL	120°, 75%, 80%
HSV	120°, 31%, 95%
XYZ	54.3609, 74.3644, 47.5650
YIQ	210.6120, -20.9000, -39.7480

Conversions

Conversions Part 2

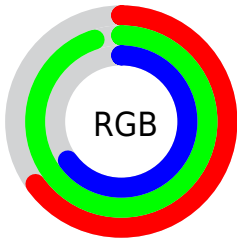
Format	Color
RYB	166, 242, 242
Decimal	10941094
CIELab	89.09, -37.96, 29.44
CIELCh	89, 48.038, 142.199
Yxy	74.3644, 0.3084, 0.4218
Android (android.graphics.Color)	4289131174 (0xFFA6F2A6)
YUV	210.6120, -21.9937, -39.1247
Hunter-Lab	86.2348, -38.3876, 27.6614

Details

The XYZ color **54.3609, 74.3644, 47.5650** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.2836, 52.5619, 90.6591**, and the grayscale version is **61.8128, 65.0318, 70.8197**.

A 20% lighter version of the original color is **79.3762, 92.4819, 82.7745**, and **26.8851, 39.2697, 21.7856** is the 20% darker color. If you saturate the color by 10%, you get **47.7424, 71.1874, 36.7377**, and if you desaturate by 10%, it is **62.3556, 78.2069, 60.6402**.

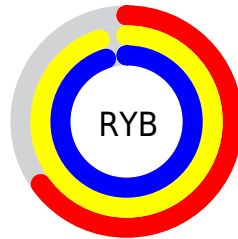
Distribution



Red (65%)

Green (95%)

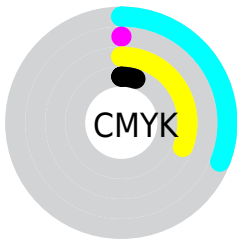
Blue (65%)



Red (65%)

Yellow (95%)

Blue (95%)

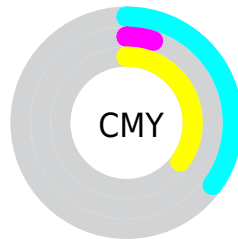


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (5%)



Cyan (35%)


Magenta (5%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3609, 74.3644, 47.5650 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 54.3609, 74.3644, 47.5650 by changing the saturation by 10% instead.


 54.3609, 74.3644,
47.5650


 54.3609, 74.3644,
47.5650


393.6607,
475.7301, 393.5241

 39.1221, 55.0923,
33.1250


 95.7577, 125.4122,
87.9152

 27.0359, 39.4757,
21.9503


 122.6465,
157.9568, 114.6624

 17.7369, 27.1300,
13.6224


154.1492,
195.6943, 146.3492

 10.8598, 17.6708,
7.7228

190.6313,
239.0092, 183.3939

 6.0392, 10.7139,
3.8329

232.4582,
288.2858, 226.2153

 2.9098, 5.8748,
1.5341


279.9951,

 1.1063, 2.7691,


343.9086, 275.2317


0.2431


333.6075,
406.2619, 330.8618


 0.0303, 1.0124,
0.0000


 0.0000, 0.0000,
0.0000

 54.3609, 74.3644,
47.5650


 54.3609, 74.3644,
47.5650


 47.7424, 71.1874,
36.7377


 62.3556, 78.2069,
60.6402


 42.4170, 68.6294,
28.0270

 71.7917, 82.7395,
76.0746

 38.3020, 66.6527,
21.2961

 82.7374, 87.9973,
93.9782

 35.3024, 65.2119,
16.3897

 91.0436, 91.9872,
107.5645

■ 33.3094, 64.2545,
13.1296

■ 32.1921, 63.7178,
11.3020

■ 31.7536, 63.5072,
10.5847

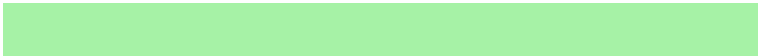
Harmonies

Analogous

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



62.5212, 74.3644, 34.7829



54.3609, 74.3644, 47.5650



50.6616, 74.3644, 72.5397

Triad

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



54.3609, 74.3644, 47.5650



67.6727, 74.3644, 162.9992



93.6118, 74.3644, 58.9946

Complementary

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



54.3609, 74.3644, 47.5650



66.2836, 52.5619, 90.6591

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.



95.3820, 74.3644, 90.0298



54.3609, 74.3644, 47.5650



79.5219, 74.3644, 156.4295

Square

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



54.3609, 74.3644, 47.5650



57.7752, 74.3644, 143.2582



89.9789, 74.3644, 127.2033



85.3788, 74.3644, 40.0006

Rectangle

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



54.3609, 74.3644, 47.5650



50.9019, 74.3644, 95.3546



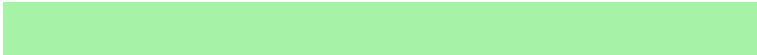
89.9789, 74.3644, 127.2033



95.0165, 74.3644, 68.1104

Sweetspot

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



54.3628, 74.3675, 47.5666



83.6276, 94.5132, 90.2167



75.2563, 85.1385, 48.5438



17.5329, 20.0535, 18.7101



0.0000, 0.0000, 0.0000



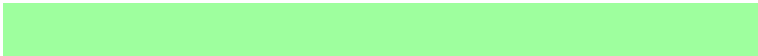
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3628, 74.3675, 47.5666



56.0606, 81.2714, 45.1259



58.3791, 75.9741, 68.7161



15.5660, 17.6564, 16.7374



17.0575, 34.1150, 5.6859



1.4190, 2.8381, 0.4730

Inverse Universe

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



66.2836, 52.5619, 90.6591



71.5336, 52.9677, 101.0598



61.1555, 50.5107, 63.6549



16.4543, 16.0314, 19.9487



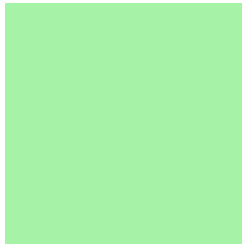
28.2810, 13.5848, 46.2576



2.3527, 1.1301, 3.8482

Previews

White Background



This preview shows how the XYZ color 54.3609, 74.3644, 47.5650 looks on a white background.

Color Contrast Check

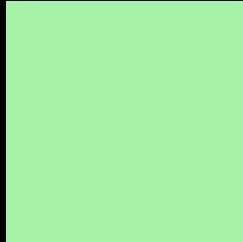
Large Text (above 18pt) WCAG AA × Fail

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 54.3609, 74.3644, 47.5650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

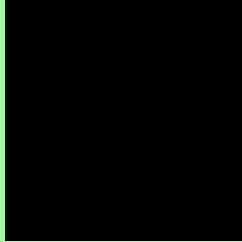
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3609, 74.3644, 47.5650

Background



This preview shows how black text looks on a background with the XYZ color 54.3609, 74.3644, 47.5650.



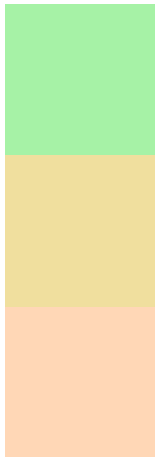
This preview shows how white text looks on a background with the XYZ color 54.3609, 74.3644,

47.5650.

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

54.3609, 74.3644, 47.5650

Protanopia

68.4944, 73.7692, 42.9766

Deuteranopia

73.9839, 73.2383, 54.4930



Tritanopia

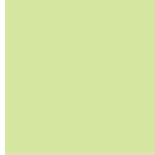
64.8873, 73.8777, 101.2824

Trichromacy



Original Color

54.3609, 74.3644, 47.5650



Protanomaly

62.1704, 73.3130, 44.5923



Deuteranomaly

65.1931, 72.6730, 51.6655



Tritanomaly

60.3990, 73.7612, 78.0718

Monochromacy



Original Color

54.3609, 74.3644, 47.5650



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.4773, 67.7848, 61.6315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3609, 74.3644, 47.5650 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(166, 242, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 242, 166)  
}
```

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(166, 242, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 242, 166) }
```

Border

The CSS property to change the border of an element to XYZ 54.3609, 74.3644, 47.5650 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(166, 242, 166) }
```


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

```
.border{ border-color:rgb(166, 242, 166) }
```

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

Here you see how a box with a 4 pixel rgb(166, 242, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 242, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 242, 166);  
box-shadow:4px 4px 4px 4px rgb(166, 242,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3609, 74.3644, 47.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 242, 166) }
```

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

```
.background{ background-color: rgb(166,  
242, 166) }
```

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