

Converting Colors

XYZ(57.8426, 82.1163, 48.5414)

Have a look what the booklet for
XYZ(57.8426, 82.1163, 48.5414)
contains.

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Color

**XYZ(57.8614, 82.1291,
48.4002)**

Conversions

Conversions Part 1

Format	Color
Hex	A4FFA5
RGB	164, 255, 165
RGB Percent	64%, 100%, 65%
CMY	0.3569, 0.0000, 0.3529
CMYK	0.36, 0.00, 0.35, 0.00
HSL	121°, 100%, 82%
HSV	121°, 36%, 100%
XYZ	57.8614, 82.1291, 48.4002
YIQ	217.5310, -25.3460, -47.2820

Conversions

Conversions Part 2

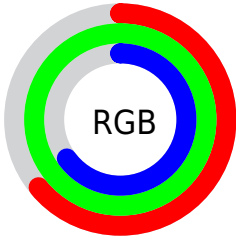
Format	Color
RYB	164, 254, 255
Decimal	10813349
CIELab	92.63, -44.48, 34.66
CIELCh	93, 56.390, 142.074
Yxy	82.1291, 0.3071, 0.4360
Android (android.graphics.Color)	4289003429 (0xFFA4FFA5)
YUV	217.5310, -25.8978, -46.9467
Hunter-Lab	90.6251, -44.6271, 31.7725

Details

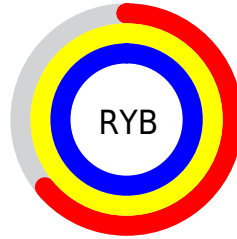
The XYZ color **57.8614, 82.1291, 48.4002** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **72.4049, 54.9671, 100.5584**, and the grayscale version is **66.5024, 69.9657, 76.1927**.

A 20% lighter version of the original color is **78.9353, 92.2701, 82.0562**, and **29.3031, 44.7462, 22.4217** is the 20% darker color. If you saturate the color by 10%, you get **51.0420, 78.8532, 37.2572**, and if you desaturate by 10%, it is **66.1894, 86.1305, 61.9789**.

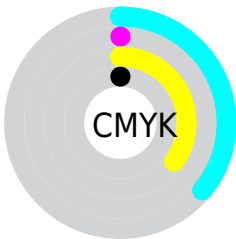
Distribution



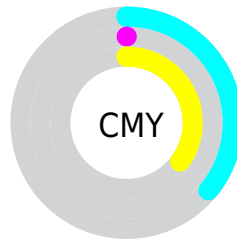
- Red (64%)
- Green (100%)
- Blue (65%)



- Red (64%)
- Yellow (100%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8614, 82.1291, 48.4002 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 57.8614, 82.1291, 48.4002 by changing the saturation by 10% instead.

57.8614, 82.1291,
48.4002

57.8614, 82.1291,
48.4002

406.6315,
502.0794, 396.9306

41.9401, 61.4720,
33.7817

100.8451,
136.3550, 89.1717

29.2453, 44.6062,
22.4499

128.6382,
170.6926, 116.1618

19.4117, 31.1473,
13.9864

161.1193,
210.3591, 148.1128

12.0739, 20.7111,
7.9726

198.6537,
255.7389, 185.4432

6.8666, 12.9130,
3.9899

241.6067,
307.2165, 228.5717

3.4244, 7.3686,
1.6198

290.3438,

1.3820, 3.6937,

365.1762, 277.9167

0.3049

345.2303,
430.0023, 333.8969

0.2433, 1.5037,
0.0000

0.0000, 0.2914,
0.0000

57.8614, 82.1291,
48.4002

57.8614, 82.1291,
48.4002

51.0420, 78.8532,
37.2572

66.1894, 86.1305,
61.9789

45.6397, 76.2586,
28.4023

76.1073, 90.8963,
78.1213

41.5551, 74.2975,
21.6779

87.6922, 96.4638,
96.9513

38.6757, 72.9158,
16.9049

95.0500, 100.0000,
108.9000

■ 36.8698, 72.0500,
13.8751

■ 35.9752, 71.6220,
12.3327

■ 35.7754, 71.5261,
12.0009

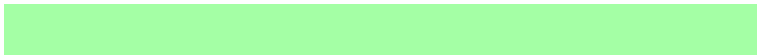
Harmonies

Analogous

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



67.9351, 82.1291, 33.5164



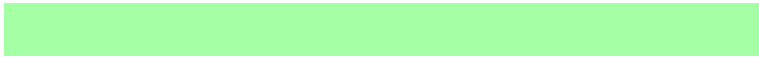
57.8614, 82.1291, 48.4002



53.3276, 82.1291, 78.7429

Triad

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



57.8614, 82.1291, 48.4002



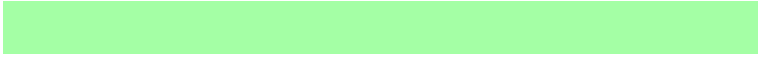
74.2365, 82.1291, 195.6488



107.2216, 82.1291, 62.3760

Complementary

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



57.8614, 82.1291, 48.4002



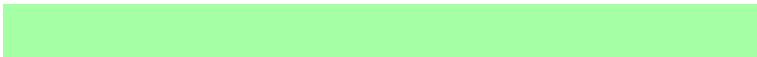
72.4049, 54.9671, 100.5584

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.



109.4585, 82.1291, 101.0312



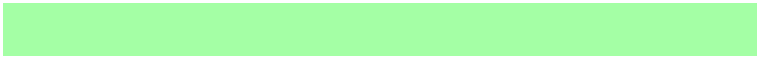
57.8614, 82.1291, 48.4002



89.1467, 82.1291, 187.0991

Square

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



57.8614, 82.1291, 48.4002



61.9782, 82.1291, 169.4645



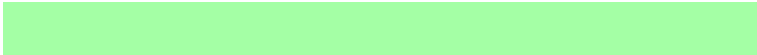
102.4876, 82.1291, 148.8227



96.7105, 82.1291, 39.6460

Rectangle

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



57.8614, 82.1291, 48.4002



53.6030, 82.1291, 107.4058



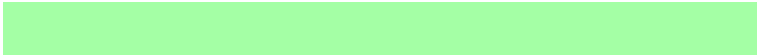
102.4876, 82.1291, 148.8227



109.0150, 82.1291, 73.5714

Sweetspot

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



57.8619, 82.1294, 48.4015



81.3236, 93.4031, 86.6027



83.7010, 95.4604, 49.1368



17.0754, 19.8329, 17.9981



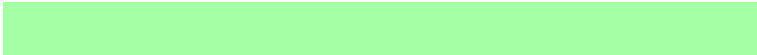
0.0000, 0.0000, 0.0000



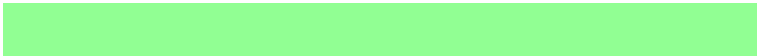
20.3446, 21.4041, 23.3091

Same Dimension

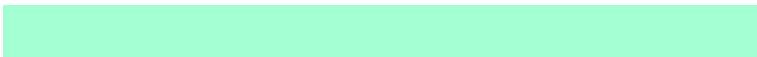
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.8619, 82.1294, 48.4015



52.7305, 79.6643, 40.0192



62.6409, 84.0410, 73.5671



17.7797, 20.1714, 19.1430



18.6969, 37.3754, 6.2892



1.8232, 3.6402, 0.6267

Inverse Universe

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



72.4049, 54.9671, 100.5584



69.2753, 48.7605, 99.3531



66.0864, 52.4397, 67.2859



18.7836, 18.2967, 22.7434



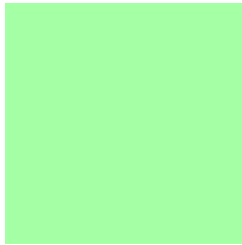
30.7499, 14.7893, 49.4609



2.9967, 1.4411, 4.8299

Previews

White Background



This preview shows how the XYZ color 57.8614, 82.1291, 48.4002 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 57.8614, 82.1291, 48.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

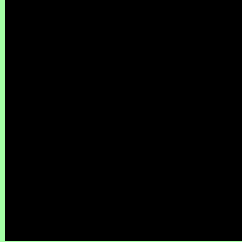
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

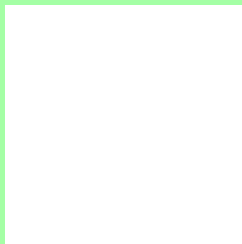
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8614, 82.1291, 48.4002

Background



This preview shows how black text looks on a background with the XYZ color 57.8614, 82.1291, 48.4002.

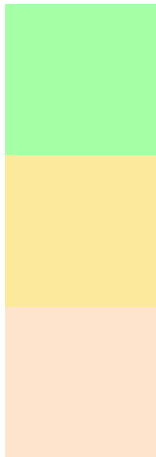


This preview shows how white text looks on a background with the XYZ color 57.8614, 82.1291,

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

57.8614, 82.1291, 48.4002

Protanopia

75.2845, 81.3736, 43.1912

Deuteranopia

80.0028, 81.1546, 69.2054



Tritanopia

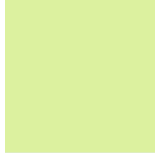
72.2360, 81.4105, 106.5143

Trichromacy



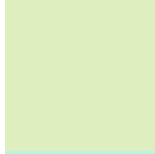
Original Color

57.8614, 82.1291, 48.4002



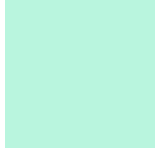
Protanomaly

67.2285, 80.6294, 44.8206



Deuteranomaly

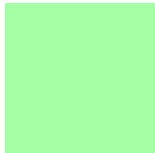
69.9930, 80.3964, 60.5442



Tritanomaly

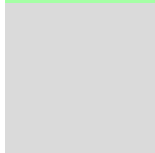
65.8448, 80.8930, 81.2508

Monochromacy



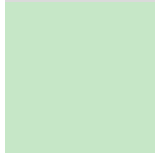
Original Color

57.8614, 82.1291, 48.4002



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.1734, 73.2811, 64.9006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8614, 82.1291, 48.4002 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, 255, 165)` looks like.

```
.text, #text, p{  
    color:rgb(164, 255, 165)  
}
```

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, 255, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 255, 165) }
```

Border

The CSS property to change the border of an element to XYZ 57.8614, 82.1291, 48.4002 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, 255, 165) }
```


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

```
.border{ border-color:rgb(164, 255, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 255, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 255, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 255, 165);  
box-shadow:4px 4px 4px 4px rgb(164, 255,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8614, 82.1291, 48.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 255, 165) }
```

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

```
.background{ background-color: rgb(164,  
255, 165) }
```

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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