

Converting Colors

XYZ(82.3458, 94.7086, 51.4766)

Have a look what the booklet for
XYZ(82.3458, 94.7086, 51.4766)
contains.

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Color

**XYZ(82.3458, 94.7086,
51.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFFA9
RGB	250, 255, 169
RGB Percent	98%, 100%, 66%
CMY	0.0196, 0.0000, 0.3372
CMYK	0.02, 0.00, 0.34, 0.00
HSL	63°, 100%, 83%
HSV	63°, 34%, 100%
XYZ	82.3458, 94.7086, 51.4766
YIQ	243.7010, 24.6260, -27.8060

Conversions

Conversions Part 2

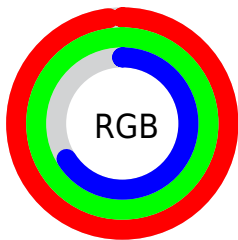
Format	Color
RYB	169, 255, 174
Decimal	16449449
CIELab	97.92, -14.37, 40.60
CIELCh	98, 43.070, 109.484
Yxy	94.7086, 0.3603, 0.4144
Android (android.graphics.Color)	4294639529 (0xFFFAFFA9)
YUV	243.7010, -36.8276, 5.5242
Hunter-Lab	97.3183, -19.2695, 36.7614

Details

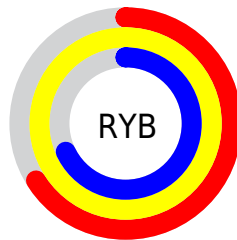
The XYZ color **82.3458, 94.7086, 51.4766** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **49.6945, 44.5958, 100.5964**, and the grayscale version is **86.0203, 90.5001, 98.5546**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **45.0847, 52.8556, 24.3489** is the 20% darker color. If you saturate the color by 10%, you get **79.6513, 93.5696, 40.0493**, and if you desaturate by 10%, it is **85.5120, 96.0367, 65.3654**.

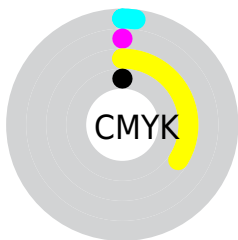
Distribution



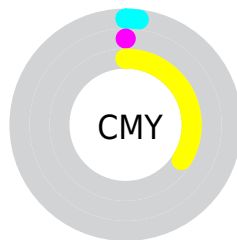
- Red (98%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.3458, 94.7086, 51.4766 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 82.3458, 94.7086, 51.4766 by changing the saturation by 10% instead.


 82.3458, 94.7086,
51.4766

 82.3458, 94.7086,
51.4766


491.4206,
543.2317, 409.3120

 61.9657, 71.8925,
36.2087


 135.5921,
153.8620, 93.7776

 45.2605, 53.0708,
24.3044


169.1890,
190.9680, 121.6477

 31.8648, 37.8593,
15.3453


207.9223,
233.6061, 154.5557

 21.4133, 25.8735,
8.9128

252.1572,
282.1607, 192.9201

 13.5406, 16.7290,
4.5883

302.2591,
337.0161, 237.1593

 7.8814, 10.0415,
1.9533

358.5934,

 4.0703, 5.4265,

398.5568, 287.6920

0.5264

421.5255,
467.1672, 344.9367

■ 1.7420, 2.4996,
0.0000

■ 0.4823, 0.8764,
0.0000

■ 82.3458, 94.7086,
51.4766

■ 82.3458, 94.7086,
51.4766

■ 79.6513, 93.5696,
40.0493

■ 85.5120, 96.0367,
65.3654

■ 77.4003, 92.6086,
30.9362

■ 89.1740, 97.5636,
81.8436

■ 75.5631, 91.8135,
23.9800

■ 93.3554, 99.2987,
101.0352

■ 74.1057, 91.1709,
19.0026

■ 95.0500, 100.0000,
108.9000

■ 72.9890, 90.6650,
15.7973

■ 72.1650, 90.2767,
14.1120

■ 71.7545, 90.0758,
13.6045

Harmonies

Analogous

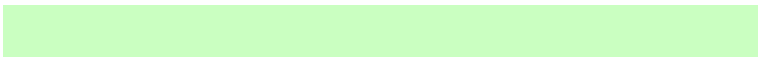
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.4107, 94.7086, 49.7684



82.3458, 94.7086, 51.4766



73.1838, 94.7086, 65.0288

Triad

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



82.3458, 94.7086, 51.4766



75.4888, 94.7086, 163.7705



115.3740, 94.7086, 116.0057

Complementary

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



82.3458, 94.7086, 51.4766



49.6945, 44.5958, 100.5964

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.



109.2532, 94.7086, 153.7721



82.3458, 94.7086, 51.4766



85.7631, 94.7086, 185.2368

Square

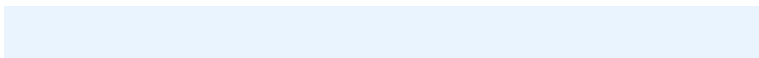
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3458, 94.7086, 51.4766



69.4820, 94.7086, 127.4441



98.1519, 94.7086, 181.2098



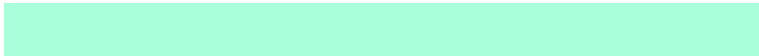
114.2466, 94.7086, 82.1090

Rectangle

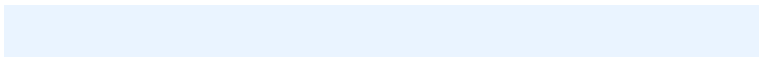
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3458, 94.7086, 51.4766



69.6050, 94.7086, 81.1258



98.1519, 94.7086, 181.2098



114.0755, 94.7086, 128.7720

Sweetspot

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



82.3461, 94.7087, 51.4779



90.6695, 98.1850, 88.6681



63.4033, 54.1279, 44.6434



19.2844, 20.9647, 18.4179



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

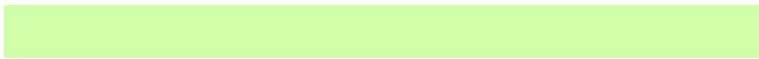
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3461, 94.7087, 51.4779



80.6016, 93.9725, 44.0273



68.8502, 87.7513, 50.8463



19.4508, 21.0338, 19.1791



37.5383, 47.0898, 7.1108



3.6854, 4.6007, 0.6938

Inverse Universe

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



49.6945, 44.5958, 100.5964



43.7255, 37.3663, 99.5156



60.6464, 50.2417, 101.1090



17.1007, 17.4281, 22.7126



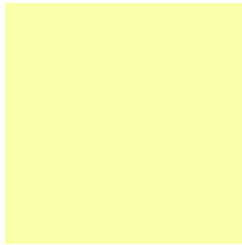
9.5711, 3.8446, 49.6722



0.9647, 0.3912, 4.8379

Previews

White Background



This preview shows how the XYZ color 82.3458, 94.7086, 51.4766 looks on a white background.

Color Contrast Check

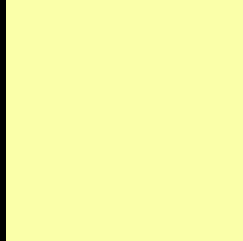
Large Text (above 18pt) WCAG AA × Fail

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 82.3458, 94.7086, 51.4766 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

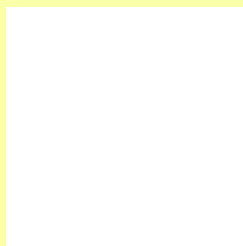
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.3458, 94.7086, 51.4766

Background



This preview shows how black text looks on a background with the XYZ color 82.3458, 94.7086, 51.4766.

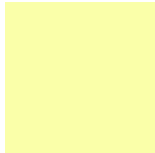


This preview shows how white text looks on a background with the XYZ color 82.3458, 94.7086,

Color Blindness Simulation

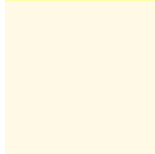
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



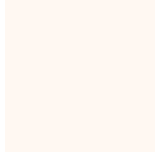
Original Color

82.3458, 94.7086, 51.4766



Protanopia

89.2585, 94.6685, 87.6972



Deuteranopia

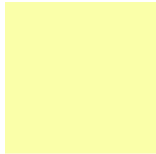
90.8344, 94.8056, 97.5162



Tritanopia

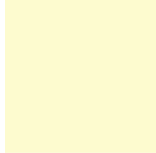
92.2458, 94.3915, 107.9653

Trichromacy



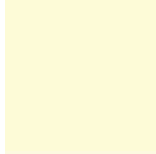
Original Color

82.3458, 94.7086, 51.4766



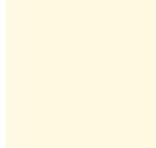
Protanomaly

86.2677, 94.3820, 72.7022



Deuteranomaly

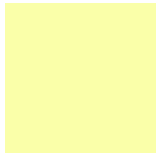
87.2709, 94.7833, 77.9853



Tritanomaly

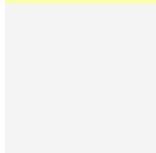
87.8382, 94.0158, 84.0383

Monochromacy



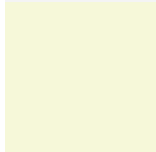
Original Color

82.3458, 94.7086, 51.4766



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.0978, 91.7374, 78.9203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3458, 94.7086, 51.4766 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(250, 255, 169)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 169)  
}
```

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(250, 255, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 169) }
```

Border

The CSS property to change the border of an element to XYZ 82.3458, 94.7086, 51.4766 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(250, 255, 169) }
```


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

```
.border{ border-color:rgb(250, 255, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 169);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3458, 94.7086, 51.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 169) }
```

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

```
.background{ background-color: rgb(250,  
255, 169) }
```

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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