

Converting Colors

XYZ(86.5140, 100.0000,
62.0359)

Have a look what the booklet for
XYZ(86.5140, 100.0000, 62.0359)
contains.

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Color

**XYZ(84.2614, 95.4748,
61.5644)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFFBC
RGB	250, 255, 188
RGB Percent	98%, 100%, 74%
CMY	0.0196, 0.0000, 0.2627
CMYK	0.02, 0.00, 0.26, 0.00
HSL	64°, 100%, 87%
HSV	64°, 26%, 100%
XYZ	84.2614, 95.4748, 61.5644
YIQ	245.8670, 18.5270, -21.8970

Conversions

Conversions Part 2

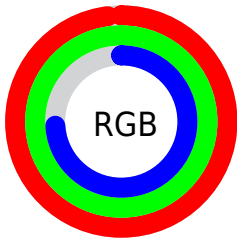
Format	Color
RYB	188, 255, 193
Decimal	16449468
CIELab	98.22, -12.02, 31.56
CIElCh	98, 33.766, 110.850
Yxy	95.4748, 0.3492, 0.3957
Android (android.graphics.Color)	4294639548 (0xFFFAFFBC)
YUV	245.8670, -28.5284, 3.6246
Hunter-Lab	97.7112, -17.0649, 31.0413

Details

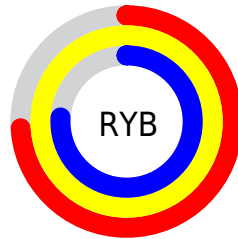
The XYZ color **84.2614, 95.4748, 61.5644** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.0266, 54.5252, 102.0738**, and the grayscale version is **87.7018, 92.2691, 100.4811**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **46.4895, 53.4469, 30.4203** is the 20% darker color. If you saturate the color by 10%, you get **81.0723, 94.1208, 48.3112**, and if you desaturate by 10%, it is **87.9440, 97.0270, 77.3786**.

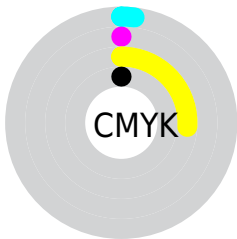
Distribution



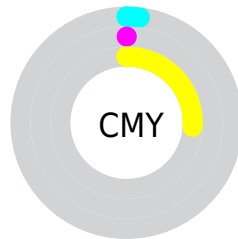
- Red (98%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.2614, 95.4748, 61.5644 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 84.2614, 95.4748, 61.5644 by changing the saturation by 10% instead.


 84.2614, 95.4748,
61.5644

 84.2614, 95.4748,
61.5644


497.7014,
545.6839, 448.3041

 63.5517, 72.5302,
44.2473


 138.2601,
154.9204, 108.6612

 46.5480, 53.5919,
30.5264


172.2799,
192.1902, 139.2780

 32.8849, 38.2755,
19.9830


211.4671,
235.0039, 175.1651

 22.1971, 26.1966,
12.1987

256.1870,
283.7458, 216.7410

 14.1192, 16.9708,
6.7550

306.8051,
338.8003, 264.4244

 8.2859, 10.2136,
3.2332

363.6866,

 4.3318, 5.5408,

400.5519, 318.6336

1.2149

427.1969,
469.3850, 379.7874

■ 1.8915, 2.5680,
0.0000

■ 0.5719, 0.9106,
0.0000

■ 84.2614, 95.4748,
61.5644

■ 84.2614, 95.4748,
61.5644

■ 81.0723, 94.1208,
48.3112

■ 87.9440, 97.0270,
77.3786

■ 78.3498, 92.9542,
37.4803

■ 92.1425, 98.7864,
95.8745

■ 76.0665, 91.9641,
28.9261

95.0500, 100.0000,
108.9000

■ 74.1913, 91.1380,
22.4857

■ 72.6893, 90.4620,
17.9747

■ 71.5193, 89.9195,
15.1770

■ 70.6303, 89.4903,
13.8236

■ 70.3423, 89.3479,
13.5384

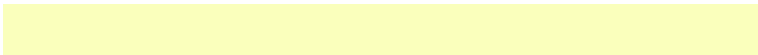
Harmonies

Analogous

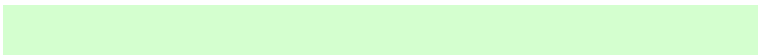
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7475, 95.4748, 59.5962



84.2614, 95.4748, 61.5644



77.0231, 95.4748, 73.7187

Triad

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



84.2614, 95.4748, 61.5644



79.4610, 95.4748, 151.1814



110.4556, 95.4748, 112.6928

Complementary

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



84.2614, 95.4748, 61.5644



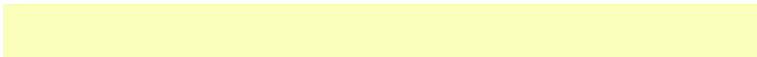
58.0266, 54.5252, 102.0738

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.



106.0089, 95.4748, 141.5020



84.2614, 95.4748, 61.5644



87.8092, 95.4748, 166.1883

Square

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



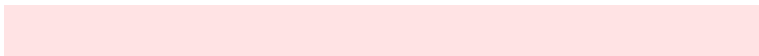
84.2614, 95.4748, 61.5644



74.3921, 95.4748, 124.1729



97.5549, 95.4748, 162.3608



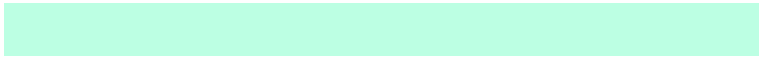
109.3364, 95.4748, 86.0616

Rectangle

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



84.2614, 95.4748, 61.5644



74.2262, 95.4748, 87.3828



97.5549, 95.4748, 162.3608



109.5511, 95.4748, 122.5020

Sweetspot

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



84.2618, 95.4750, 61.5657



91.3798, 98.4675, 92.4845



69.2701, 62.7965, 56.0483



19.4196, 21.0177, 19.1776



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

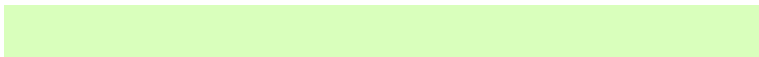
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2618, 95.4750, 61.5657



82.3767, 94.6760, 53.6710



73.4629, 89.9080, 61.0604



19.4196, 21.0177, 19.1776



36.8118, 46.7153, 7.0768



3.6225, 4.5682, 0.6908

Inverse Universe

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



58.0266, 54.5252, 102.0738



51.7741, 46.9029, 100.9321



67.3876, 59.3510, 102.5119



17.1285, 17.4425, 22.7139



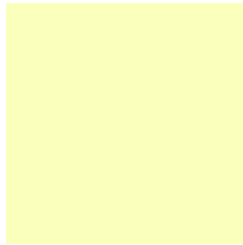
9.6169, 3.8682, 49.6743



0.9779, 0.3980, 4.8386

Previews

White Background



This preview shows how the XYZ color 84.2614, 95.4748, 61.5644 looks on a white background.

Color Contrast Check

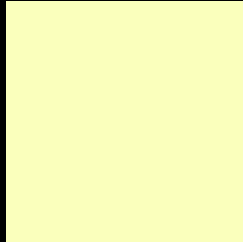
Large Text (above 18pt) WCAG AA × Fail

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 84.2614, 95.4748, 61.5644 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 84.2614, 95.4748, 61.5644

Background



This preview shows how black text looks on a background with the XYZ color 84.2614, 95.4748, 61.5644.



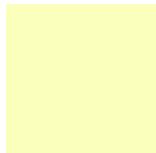
This preview shows how white text looks on a background with the XYZ color 84.2614, 95.4748,

61.5644.

Color Blindness Simulation

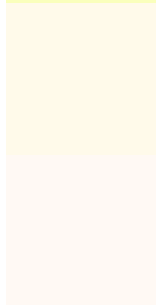
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.2614, 95.4748, 61.5644



Protanopia

90.2769, 95.5717, 91.5310

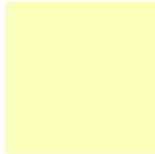
Deuteranopia

91.4448, 95.5430, 99.2099

Tritanopia

92.1254, 95.2374, 108.1349

Trichromacy



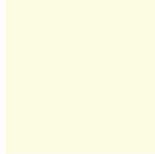
Original Color

84.2614, 95.4748, 61.5644



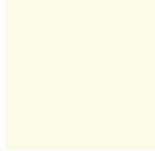
Protanomaly

87.8428, 95.5132, 79.4517



Deuteranomaly

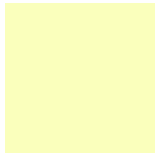
88.4597, 95.2588, 84.2455



Tritanomaly

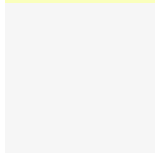
89.0659, 95.4593, 89.3325

Monochromacy



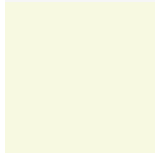
Original Color

84.2614, 95.4748, 61.5644



Achromatopsia

87.5964, 92.1582, 100.3603



Achromatomaly

85.8241, 92.9618, 84.6542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2614, 95.4748, 61.5644 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 188) }
```

Border

The CSS property to change the border of an element to XYZ 84.2614, 95.4748, 61.5644 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, 188) }
```


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

```
.border{ border-color:rgb(250, 255, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2614, 95.4748, 61.5644 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, 188) }
```

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

```
.background{ background-color: rgb(250,  
255, 188) }
```

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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