

Converting Colors

XYZ(84.4758, 94.3571, 57.5738)

Have a look what the booklet for
XYZ(84.4758, 94.3571, 57.5738)
contains.

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Color

**XYZ(84.3909, 94.2170,
57.4539)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCB5
RGB	255, 252, 181
RGB Percent	100%, 99%, 71%
CMY	0.0000, 0.0117, 0.2902
CMYK	0.00, 0.01, 0.29, 0.00
HSL	58°, 100%, 85%
HSV	58°, 29%, 100%
XYZ	84.3909, 94.2170, 57.4539
YIQ	244.8030, 24.5790, -21.4450

Conversions

Conversions Part 2

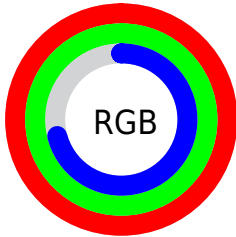
Format	Color
RYB	184, 255, 181
Decimal	16776373
CIELab	97.72, -9.60, 34.45
CIElCh	98, 35.765, 105.571
Yxy	94.2170, 0.3575, 0.3991
Android (android.graphics.Color)	4294966453 (0xFFFFFCB5)
YUV	244.8030, -31.4549, 8.9428
Hunter-Lab	97.0654, -14.6726, 32.8515

Details

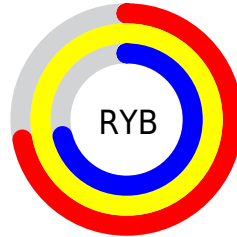
The XYZ color **84.3909, 94.2170, 57.4539** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **54.2463, 51.3233, 101.6550**, and the grayscale version is **86.8657, 91.3895, 99.5232**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **46.5967, 52.8825, 27.8301** is the 20% darker color. If you saturate the color by 10%, you get **81.6880, 92.6222, 44.8045**, and if you desaturate by 10%, it is **87.5790, 96.0153, 72.6299**.

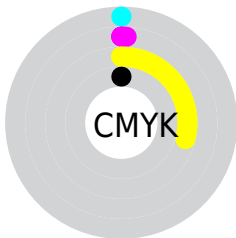
Distribution



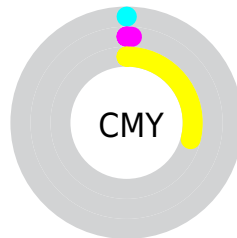
- Red (100%)
- Green (99%)
- Blue (71%)



- Red (72%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3909, 94.2170, 57.4539 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 84.3909, 94.2170, 57.4539 by changing the saturation by 10% instead.


 84.3909, 94.2170,
57.4539

 84.3909, 94.2170,
57.4539


498.1245,
541.6552, 432.6892

 63.6590, 71.4835,
40.9580

 138.4403,
153.1824, 102.6341

 46.6352, 52.7368,
27.9668


172.4885,
190.1831, 132.1554

 32.9541, 37.5927,
18.0618


211.7062,
232.7082, 166.8557

 22.2504, 25.6667,
10.8245

256.4588,
281.1423, 207.1534

 14.1586, 16.5745,
5.8362

307.1115,
335.8696, 253.4670

 8.3135, 9.9316,
2.6786

364.0298,

 4.3497, 5.3536,

397.2746, 306.2152

0.9326

427.5790,
465.7417, 365.8164

■ 1.9018, 2.4562,
0.0000

■ 0.5779, 0.8546,
0.0000

■ 84.3909, 94.2170,
57.4539

■ 84.3909, 94.2170,
57.4539

■ 81.6880, 92.6222,
44.8045

■ 87.5790, 96.0153,
72.6299

■ 79.4374, 91.2078,
34.5380

■ 91.2698, 98.0142,
90.4539

■ 77.6127, 89.9666,
26.5056

95.0500, 100.0000,
108.9000

■ 76.1820, 88.8857,
20.5390

■ 75.1087, 87.9507,
16.4466

■ 74.3498, 87.1441,
14.0006

■ 73.8413, 86.4406,
12.8647

■ 73.7970, 86.3739,
12.7823

Harmonies

Analogous

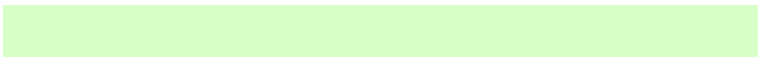
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5241, 94.2170, 57.2572



84.3909, 94.2170, 57.4539



76.2689, 94.2170, 68.0925

Triad

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



84.3909, 94.2170, 57.4539



76.5175, 94.2170, 148.1252



109.9072, 94.2170, 117.2201

Complementary

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



84.3909, 94.2170, 57.4539



54.2463, 51.3233, 101.6550

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.



104.2907, 94.2170, 147.1162



84.3909, 94.2170, 57.4539



84.7544, 94.2170, 167.1244

Square

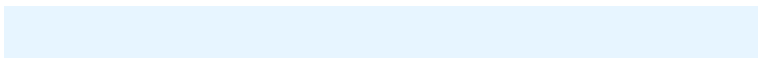
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3909, 94.2170, 57.4539



71.9640, 94.2170, 118.4060



94.9161, 94.2170, 166.7235



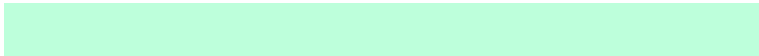
109.7913, 94.2170, 88.2424

Rectangle

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



84.3909, 94.2170, 57.4539



72.8626, 94.2170, 81.0769



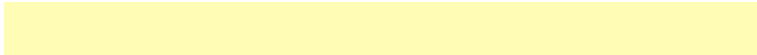
94.9161, 94.2170, 166.7235



108.6095, 94.2170, 127.5985

Sweetspot

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



84.3932, 94.2212, 57.4559



91.2771, 98.0181, 90.4897



66.4899, 57.7990, 53.3863



19.4152, 20.9148, 18.7770



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

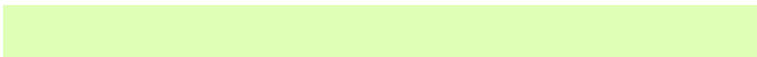
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3932, 94.2212, 57.4559



82.7190, 93.2420, 49.5940



74.1335, 90.3387, 57.2472



19.4945, 20.9572, 19.1620



38.5883, 45.1879, 6.6883



3.7760, 4.4374, 0.6575

Inverse Universe

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



54.2463, 51.3233, 101.6550



47.9787, 43.8103, 100.5352



62.3940, 54.6103, 101.8601



17.0619, 17.4955, 22.7277



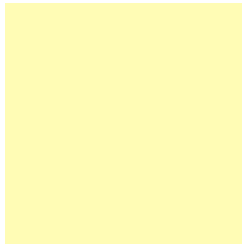
9.5155, 3.9406, 49.6937



0.9463, 0.4233, 4.8451

Previews

White Background



This preview shows how the XYZ color 84.3909, 94.2170, 57.4539 looks on a white background.

Color Contrast Check

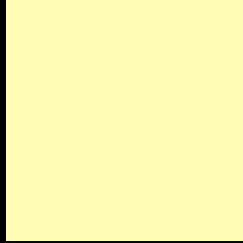
Large Text (above 18pt) WCAG AA × Fail

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 84.3909, 94.2170, 57.4539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

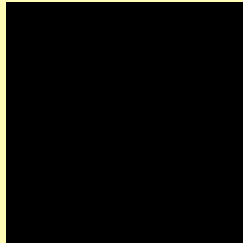
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3909, 94.2170, 57.4539

Background



This preview shows how black text looks on a background with the XYZ color 84.3909, 94.2170, 57.4539.



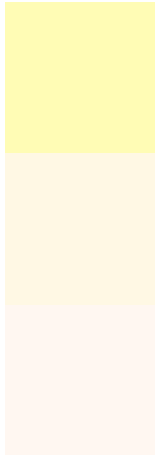
This preview shows how white text looks on a background with the XYZ color 84.3909, 94.2170,

57.4539.

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

84.3909, 94.2170, 57.4539

Protanopia

88.8110, 93.9962, 86.8610

Deuteranopia

90.3779, 94.1324, 96.6250



Tritanopia

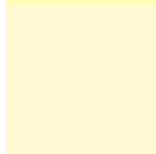
91.9254, 94.2634, 106.2782

Trichromacy



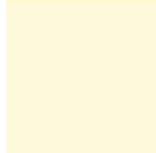
Original Color

84.3909, 94.2170, 57.4539



Protanomaly

86.8736, 93.7145, 75.1380



Deuteranomaly

87.9019, 94.1258, 80.5530



Tritanomaly

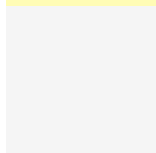
88.6725, 93.9409, 86.1319

Monochromacy



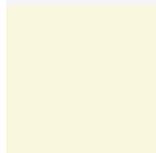
Original Color

84.3909, 94.2170, 57.4539



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.8191, 92.5485, 82.4477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3909, 94.2170, 57.4539 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(255, 252, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 181)  
}
```

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(255, 252, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 181) }
```

Border

The CSS property to change the border of an element to XYZ 84.3909, 94.2170, 57.4539 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(255, 252, 181) }
```


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

```
.border{ border-color:rgb(255, 252, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3909, 94.2170, 57.4539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 181) }
```

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

```
.background{ background-color: rgb(255,  
252, 181) }
```

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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