

Converting Colors

XYZ(84.3009, 92.4831, 71.1599)

Have a look what the booklet for
XYZ(84.3009, 92.4831, 71.1599)
contains.

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Color

**XYZ(84.3195, 92.4831,
71.1645)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF9CD
RGB	250, 249, 205
RGB Percent	98%, 98%, 80%
CMY	0.0196, 0.0235, 0.1961
CMYK	0.00, 0.00, 0.18, 0.02
HSL	59°, 82%, 89%
HSV	59°, 18%, 98%
XYZ	84.3195, 92.4831, 71.1645
YIQ	244.2830, 14.7200, -13.4720

Conversions

Conversions Part 2

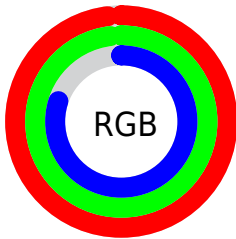
Format	Color
R _Y B	206, 250, 205
Decimal	16447949
CIE Lab	97.02, -6.71, 21.29
CIE LCh	97, 22.324, 107.494
Yxy	92.4831, 0.3400, 0.3730
Android (android.graphics.Color)	4294638029 (0xFFFAF9CD)
YUV	244.2830, -19.3665, 5.0138
Hunter-Lab	96.1681, -11.7868, 23.4430

Details

The XYZ color **84.3195, 92.4831, 71.1645** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.5034, 64.0227, 99.4012**, and the grayscale version is **86.3597, 90.8572, 98.9434**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6482, 51.7118, 36.8009** is the 20% darker color. If you saturate the color by 10%, you get **81.3701, 91.0335, 56.4636**, and if you desaturate by 10%, it is **87.7566, 94.1348, 88.4090**.

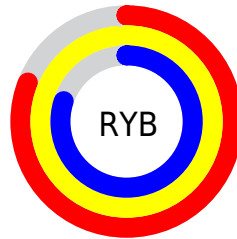
Distribution



Red (98%)

Green (98%)

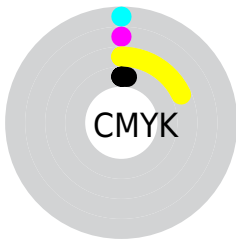
Blue (80%)



Red (81%)

Yellow (98%)

Blue (80%)

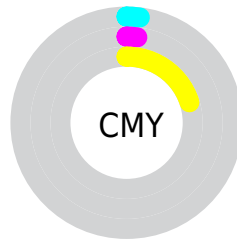


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (2%)



Cyan (2%)

Magenta (2%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3195, 92.4831, 71.1645 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 84.3195, 92.4831, 71.1645 by changing the saturation by 10% instead.

84.3195, 92.4831,
71.1645

84.3195, 92.4831,
71.1645

497.8913,
536.0756, 483.5274

63.5999, 70.0420,
51.9938

138.3410,
150.7828, 122.5646

46.5871, 51.5607,
36.6179

172.3735,
187.4101, 155.6310

32.9160, 36.6551,
24.6183

211.5744,
229.5349, 194.1664

22.2210, 24.9405,
15.5765

256.3089,
277.5417, 238.5894

14.1369, 16.0328,
9.0739

306.9426,
331.8147, 289.3185

8.2983, 9.5473,
4.6919

363.8406,

4.3398, 5.0999,

392.7385, 346.7721

2.0121

427.3684,
460.6973, 411.3689

■ 1.8961, 2.3060,
0.5627

■ 0.5746, 0.7769,
0.0000

■ 84.3195, 92.4831,
71.1645

■ 84.3195, 92.4831,
71.1645

■ 81.3701, 91.0335,
56.4636

■ 87.7566, 94.1348,
88.4090

■ 78.8781, 89.7646,
44.1801


■ 91.6949, 95.9847,
108.3018


■ 76.8214, 88.6706,
34.1859


■ 91.8670, 96.3289,
108.3592


■ 75.1728, 87.7406,
26.3387


■ 92.0396, 96.6741,
108.4167


 73.9024, 86.9627,
20.4801


 92.2127, 97.0203,
108.4744


 72.9759, 86.3232,
16.4304


 92.3863, 97.3675,
108.5323


 72.3530, 85.8059,
13.9772

 92.5604, 97.7157,
108.5903

 71.9790, 85.3890,
12.8316

 92.7351, 98.0649,
108.6485

 71.9182, 85.3113,
12.6762

 92.9102, 98.4152,
108.7069

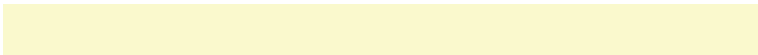
Harmonies

Analogous

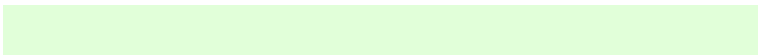
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.5454, 92.4831, 70.5478



84.3195, 92.4831, 71.1645



79.2910, 92.4831, 79.0769

Triad

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



84.3195, 92.4831, 71.1645



79.9873, 92.4831, 128.4287



100.2362, 92.4831, 108.3805

Complementary

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



84.3195, 92.4831, 71.1645



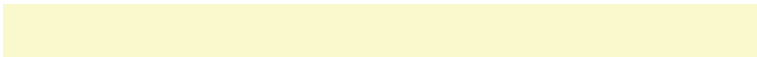
64.5034, 64.0227, 99.4012

Split Complementary

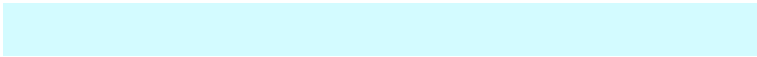
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.1158, 92.4831, 125.9403



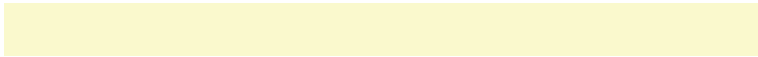
84.3195, 92.4831, 71.1645



85.3114, 92.4831, 138.4074

Square

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



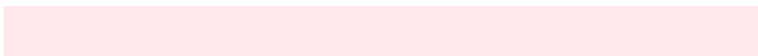
84.3195, 92.4831, 71.1645



76.8729, 92.4831, 111.4646



91.5854, 92.4831, 137.4460



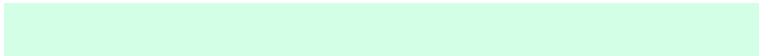
99.9394, 92.4831, 90.6487

Rectangle

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



84.3195, 92.4831, 71.1645



77.2040, 92.4831, 88.0227



91.5854, 92.4831, 137.4460



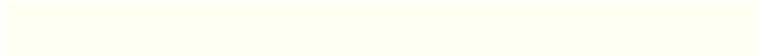
99.5462, 92.4831, 114.5361

Sweetspot

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



84.3219, 92.4872, 71.1665



92.9747, 99.0261, 98.4151



72.4582, 68.4685, 68.1095



19.8403, 21.1673, 20.7616



0.0000, 0.0000, 0.0000



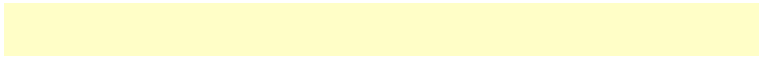
20.3446, 21.4041, 23.3091

Same Dimension

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



84.3219, 92.4872, 71.1665



86.9028, 96.1101, 67.9428



77.5191, 89.4379, 70.9364



18.6926, 20.1210, 18.3609



38.1624, 45.2814, 6.7288



3.5447, 4.2142, 0.6266

Inverse Universe

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



64.5034, 64.0227, 99.4012



62.2634, 60.7220, 103.0466



70.4518, 66.7348, 99.6111



16.3138, 16.7044, 21.7497



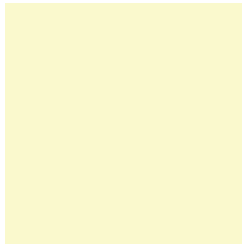
9.1980, 3.7517, 48.2129



0.8624, 0.3685, 4.4688

Previews

White Background



This preview shows how the XYZ color 84.3195, 92.4831, 71.1645 looks on a white background.

Color Contrast Check

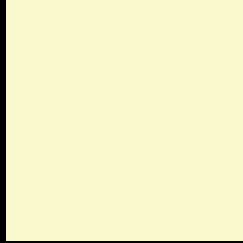
Large Text (above 18pt) WCAG AA × Fail

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 84.3195, 92.4831, 71.1645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

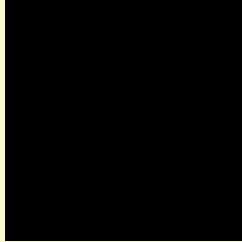
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3195, 92.4831, 71.1645

Background



This preview shows how black text looks on a background with the XYZ color 84.3195, 92.4831, 71.1645.



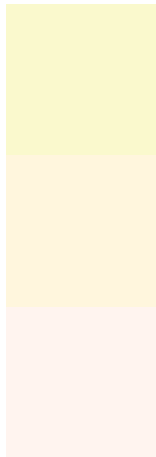
This preview shows how white text looks on a background with the XYZ color 84.3195, 92.4831,

71.1645.

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

84.3195, 92.4831, 71.1645

Protanopia

87.2469, 92.3920, 81.6416

Deuteranopia

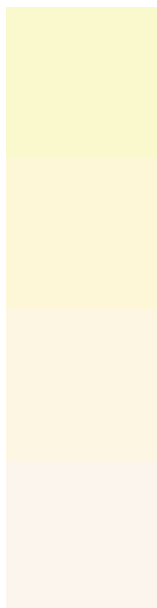
89.1707, 92.1934, 94.7567



Tritanopia

90.6086, 92.2038, 107.6293

Trichromacy



Original Color

84.3195, 92.4831, 71.1645

Protanomaly

86.0345, 92.3105, 77.5732

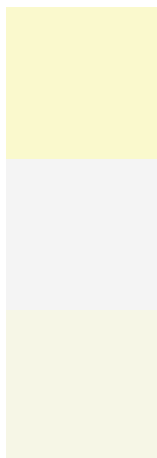
Deuteranomaly

87.3289, 92.3402, 85.8938

Tritanomaly

88.0834, 92.1147, 93.2582

Monochromacy



Original Color

84.3195, 92.4831, 71.1645

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.2447, 91.2175, 87.9768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3195, 92.4831, 71.1645 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, 249, 205)` looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 205)  
}
```

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, 249, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 205) }
```

Border

The CSS property to change the border of an element to XYZ 84.3195, 92.4831, 71.1645 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, 249, 205) }
```


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

```
.border{ border-color:rgb(250, 249, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 249, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 205);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3195, 92.4831, 71.1645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 249, 205) }
```

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

```
.background{ background-color: rgb(250,  
249, 205) }
```

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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