

Converting Colors

XYZ(92.6712, 112.5514,
74.3892)

Have a look what the booklet for
XYZ(92.6712, 112.5514, 74.3892)
contains.

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Color

**XYZ(84.0877, 95.1609,
71.6936)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FFCD
RGB	244, 255, 205
RGB Percent	96%, 100%, 80%
CMY	0.0431, 0.0000, 0.1961
CMYK	0.04, 0.00, 0.20, 0.00
HSL	73°, 100%, 90%
HSV	73°, 20%, 100%
XYZ	84.0877, 95.1609, 71.6936
YIQ	246.0110, 9.4940, -17.8820

Conversions

Conversions Part 2

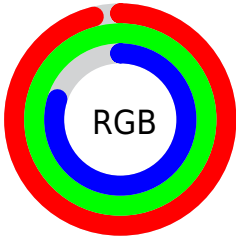
Format	Color
R_{YB}	205, 255, 216
Decimal	16056269
CIE _{Lab}	98.10, -11.81, 22.73
CIE _{LCh}	98, 25.610, 117.457
Yxy	95.1609, 0.3351, 0.3792
Android (android.graphics.Color)	4294246349 (0xFFFF4FFCD)
YUV	246.0110, -20.2184, -1.7636
Hunter-Lab	97.5504, -16.8477, 24.7108

Details

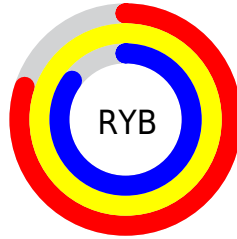
The XYZ color **84.0877, 95.1609, 71.6936** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.2011, 65.4828, 103.6526**, and the grayscale version is **87.7585, 92.3288, 100.5461**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2735, 53.1873, 37.1055** is the 20% darker color. If you saturate the color by 10%, you get **79.3389, 93.0399, 56.6915**, and if you desaturate by 10%, it is **89.3985, 97.5136, 89.3434**.

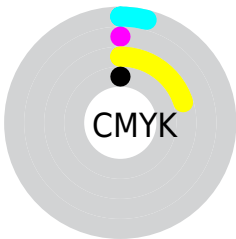
Distribution



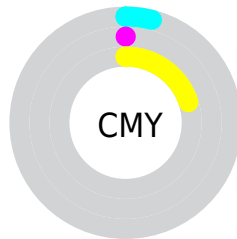
- Red (96%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.0877, 95.1609, 71.6936 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 84.0877, 95.1609, 71.6936 by changing the saturation by 10% instead.


 84.0877, 95.1609,
71.6936

 84.0877, 95.1609,
71.6936


497.1337,
544.6800, 485.4233

 63.4078, 72.2689,
52.4231


138.0185,
154.4869, 123.3245

 46.4311, 53.3784,
36.9579


172.0001,
191.6896, 156.5219

 32.7922, 38.1049,
24.8793


211.1462,
234.4314, 195.1988

 22.1258, 26.0641,
15.7690

255.8224,
283.0967, 239.7737

 14.0665, 16.8716,
9.2082

306.3938,
338.0698, 290.6650

 8.2489, 10.1430,
4.7786

363.2260,

 4.3078, 5.4939,

399.7351, 348.2913

2.0615

426.6841,
468.4770, 413.0712

■ 1.8777, 2.5398,
0.5927

■ 0.5638, 0.8965,
0.0000

■ 84.0877, 95.1609,
71.6936

■ 84.0877, 95.1609,
71.6936

■ 79.3389, 93.0399,
56.6915

■ 89.3985, 97.5136,
89.3434

■ 75.1258, 91.1400,
44.2050

95.0500, 100.0000,
108.9000

■ 71.4221, 89.4506,
34.0971

■ 68.1984, 87.9598,
26.2160

■ 65.4220, 86.6545,
20.3924

■ 63.0557, 85.5198,
16.4327

■ 61.0551, 84.5379,
14.1065

■ 59.3512, 83.6811,
13.0527

■ 59.2872, 83.6487,
13.0211

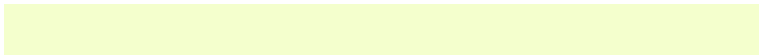
Harmonies

Analogous

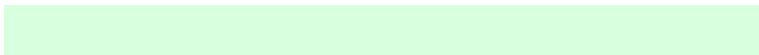
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0760, 95.1609, 68.2166



84.0877, 95.1609, 71.6936



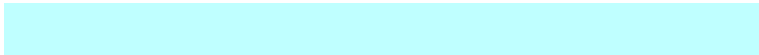
79.0514, 95.1609, 83.3342

Triad

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



84.0877, 95.1609, 71.6936



83.0575, 95.1609, 141.6081



105.3108, 95.1609, 105.4201

Complementary

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



84.0877, 95.1609, 71.6936



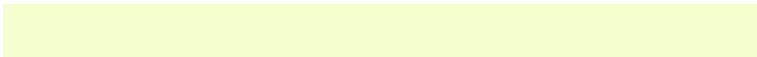
68.2011, 65.4828, 103.6526

Split Complementary

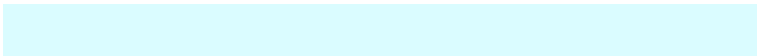
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.8895, 95.1609, 126.9429



84.0877, 95.1609, 71.6936



89.8220, 95.1609, 149.5273

Square

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



84.0877, 95.1609, 71.6936



78.4797, 95.1609, 123.4151



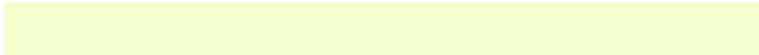
97.1203, 95.1609, 143.8310



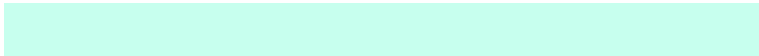
103.5743, 95.1609, 86.0530

Rectangle

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



84.0877, 95.1609, 71.6936



77.3441, 95.1609, 95.0717



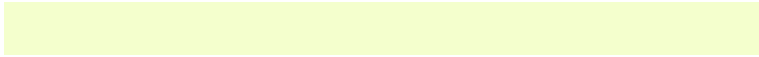
97.1203, 95.1609, 143.8310



104.9533, 95.1609, 112.6534

Sweetspot

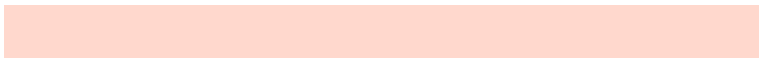
The Sweet Spot groups the original color and five complimentary colors.



84.0882, 95.1611, 71.6950



91.4561, 98.4207, 96.3814



76.7733, 74.6951, 68.1302



19.4944, 21.0304, 20.3510



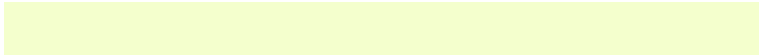
0.0000, 0.0000, 0.0000



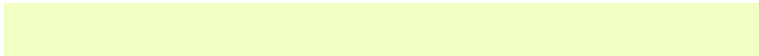
20.3446, 21.4041, 23.3091

Same Dimension

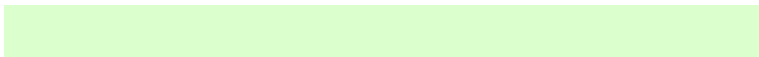
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0882, 95.1611, 71.6950



81.9342, 94.2014, 64.7855



76.0438, 91.0141, 71.3185



19.1473, 20.8773, 19.1649



31.1120, 43.7769, 6.8100



3.1212, 4.3098, 0.6674

Inverse Universe

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



68.2011, 65.4828, 103.6526



63.1031, 59.0180, 102.6735



76.1008, 69.5552, 104.0223



17.3766, 17.5704, 22.7255



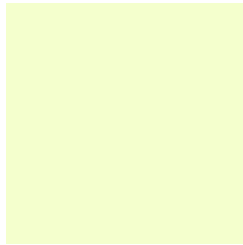
10.3894, 4.2664, 49.7105



1.0998, 0.4609, 4.8443

Previews

White Background



This preview shows how the XYZ color 84.0877, 95.1609, 71.6936 looks on a white background.

Color Contrast Check

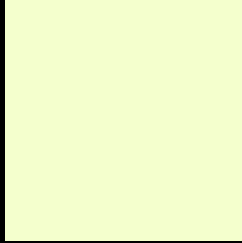
Large Text (above 18pt) WCAG AA × Fail

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 84.0877, 95.1609, 71.6936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

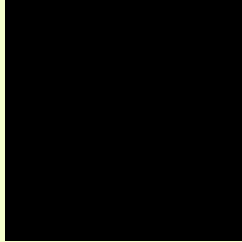
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

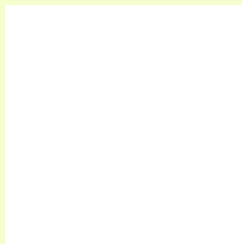
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.0877, 95.1609, 71.6936

Background



This preview shows how black text looks on a background with the XYZ color 84.0877, 95.1609, 71.6936.



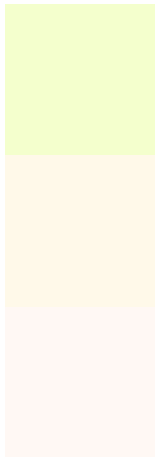
This preview shows how white text looks on a background with the XYZ color 84.0877, 95.1609,

71.6936.

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

84.0877, 95.1609, 71.6936

Protanopia

89.8237, 94.8946, 90.6731

Deuteranopia

91.1365, 94.9265, 99.1072

Tritanopia

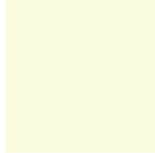
91.0417, 94.6788, 108.0842

Trichromacy



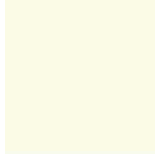
Original Color

84.0877, 95.1609, 71.6936



Protanomaly

87.6001, 94.8313, 83.4993



Deuteranomaly

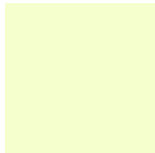
88.5638, 95.2168, 88.5738



Tritanomaly

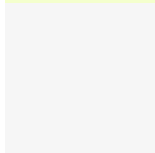
88.4946, 95.0652, 93.8060

Monochromacy



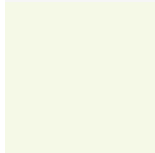
Original Color

84.0877, 95.1609, 71.6936



Achromatopsia

87.5964, 92.1582, 100.3603



Achromatomaly

85.9557, 92.9334, 89.0089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0877, 95.1609, 71.6936 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(244, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 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(244, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 205) }
```

Border

The CSS property to change the border of an element to XYZ 84.0877, 95.1609, 71.6936 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(244, 255, 205) }
```


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

```
.border{ border-color:rgb(244, 255, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0877, 95.1609, 71.6936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 205) }
```

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

```
.background{ background-color: rgb(244,  
255, 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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