

Converting Colors

XYZ(84.2533, 95.2601, 71.0748)

Have a look what the booklet for
XYZ(84.2533, 95.2601, 71.0748)
contains.

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Color

**XYZ(84.3153, 95.2921,
71.0761)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FFCC
RGB	245, 255, 204
RGB Percent	96%, 100%, 80%
CMY	0.0392, 0.0000, 0.2000
CMYK	0.04, 0.00, 0.20, 0.00
HSL	72°, 100%, 90%
HSV	72°, 20%, 100%
XYZ	84.3153, 95.2921, 71.0761
YIQ	246.1960, 10.4110, -17.9810

Conversions

Conversions Part 2

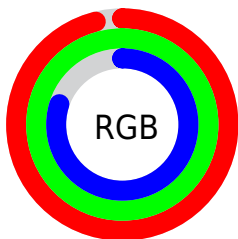
Format	Color
RYB	204, 255, 214
Decimal	16121804
CIELab	98.15, -11.60, 23.32
CIELCh	98, 26.044, 116.453
Yxy	95.2921, 0.3363, 0.3801
Android (android.graphics.Color)	4294311884 (0xFFFF5FFCC)
YUV	246.1960, -20.8026, -1.0489
Hunter-Lab	97.6177, -16.6551, 25.1629

Details

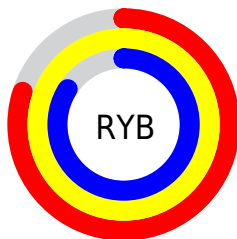
The XYZ color **84.3153, 95.2921, 71.0761** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.3753, 64.7031, 103.5456**, and the grayscale version is **87.9124, 92.4907, 100.7224**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4381, 53.2815, 36.6910** is the 20% darker color. If you saturate the color by 10%, you get **79.7820, 93.2800, 56.1842**, and if you desaturate by 10%, it is **89.3977, 97.5294, 88.6102**.

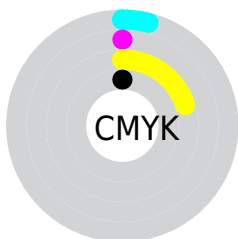
Distribution



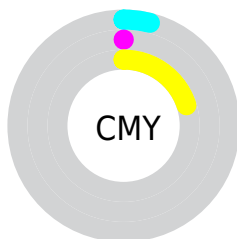
- Red (96%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (84%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3153, 95.2921, 71.0761 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 84.3153, 95.2921, 71.0761 by changing the saturation by 10% instead.

84.3153, 95.2921,
71.0761

84.3153, 95.2921,
71.0761

497.8775,
545.0997, 483.2102

63.5964, 72.3781,
51.9221

138.3351,
154.6681, 122.4375

46.5843, 53.4676,
36.5612

172.3667,
191.8989, 155.4821

32.9137, 38.1762,
24.5748

211.5666,
234.6707, 193.9938

22.2193, 26.1195,
15.5444

256.3001,
283.3680, 238.3914

14.1356, 16.9130,
9.0515

306.9326,
338.3752, 289.0932

8.2974, 10.1725,
4.6775

363.8294,

4.3392, 5.5135,

400.0766, 346.5180

2.0039

427.3560,
468.8566, 411.0841

■ 1.8958, 2.5516,
0.5577

■ 0.5744, 0.9024,
0.0000

■ 84.3153, 95.2921,
71.0761

■ 84.3153, 95.2921,
71.0761

■ 79.7820, 93.2800,
56.1842

■ 89.3977, 97.5294,
88.6102

■ 75.7713, 91.4824,
43.8022

95.0500, 100.0000,
108.9000

■ 72.2572, 89.8887,
33.7926

■ 69.2103, 88.4872,
26.0029

■ 66.5978, 87.2648,
20.2631

■ 64.3826, 86.2064,
16.3784

■ 62.5200, 85.2944,
14.1167

■ 60.9376, 84.4995,
13.0984

■ 60.9374, 84.4994,
13.0983

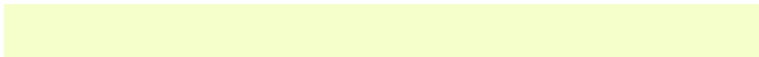
Harmonies

Analogous

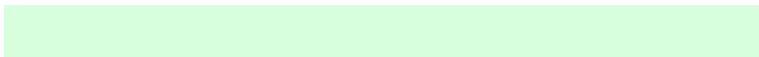
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4649, 95.2921, 67.8366



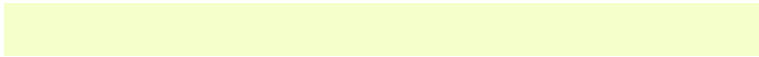
84.3153, 95.2921, 71.0761



79.1066, 95.2921, 82.6186

Triad

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



84.3153, 95.2921, 71.0761



82.8546, 95.2921, 142.0113



105.6988, 95.2921, 106.3259

Complementary

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



84.3153, 95.2921, 71.0761



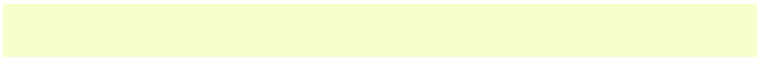
67.3753, 64.7031, 103.5456

Split Complementary

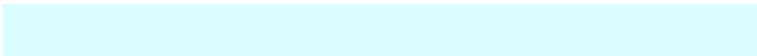
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.0956, 95.2921, 128.2242



84.3153, 95.2921, 71.0761



89.6855, 95.2921, 150.5367

Square

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



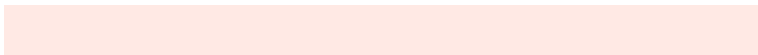
84.3153, 95.2921, 71.0761



78.2964, 95.2921, 123.2086



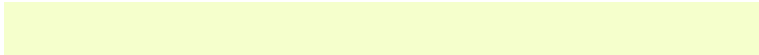
97.1314, 95.2921, 145.1756



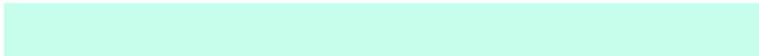
104.0686, 95.2921, 86.4685

Rectangle

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



84.3153, 95.2921, 71.0761



77.2973, 95.2921, 94.4046



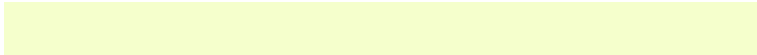
97.1314, 95.2921, 145.1756



105.2863, 95.2921, 113.7073

Sweetspot

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



84.3158, 95.2924, 71.0775



91.5886, 98.4889, 96.3876



76.0222, 73.3854, 67.2861



19.5258, 21.0466, 20.3525



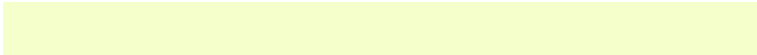
0.0000, 0.0000, 0.0000



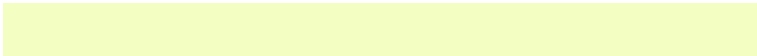
20.3446, 21.4041, 23.3091

Same Dimension

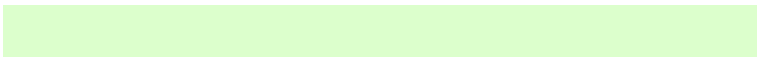
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3158, 95.2924, 71.0775



82.4375, 94.4608, 64.8091



76.2204, 91.1190, 70.6986



19.1917, 20.9003, 19.1670



31.9646, 44.2164, 6.8499



3.1972, 4.3490, 0.6709

Inverse Universe

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



67.3753, 64.7031, 103.5456



62.6953, 58.8077, 102.6544



75.1896, 68.7315, 103.9113



17.3354, 17.5491, 22.7236



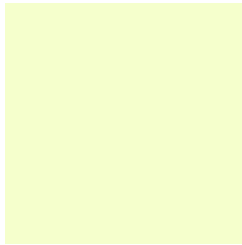
10.2125, 4.1752, 49.7022



1.0770, 0.4491, 4.8432

Previews

White Background



This preview shows how the XYZ color 84.3153, 95.2921, 71.0761 looks on a white background.

Color Contrast Check

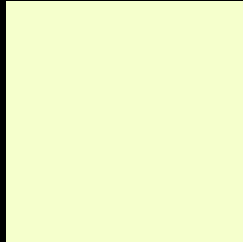
Large Text (above 18pt) WCAG AA × Fail

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 84.3153, 95.2921, 71.0761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

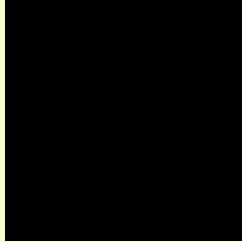
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3153, 95.2921, 71.0761

Background



This preview shows how black text looks on a background with the XYZ color 84.3153, 95.2921, 71.0761.



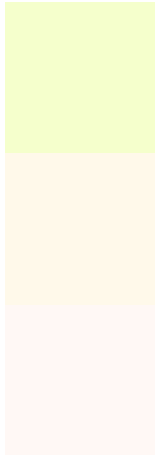
This preview shows how white text looks on a background with the XYZ color 84.3153, 95.2921,

71.0761.

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

84.3153, 95.2921, 71.0761

Protanopia

89.9670, 94.9519, 91.4277

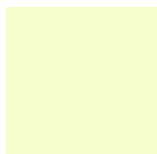
Deuteranopia

91.2888, 94.9874, 99.9092

Tritanopia

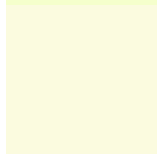
91.7093, 95.4806, 108.2037

Trichromacy



Original Color

84.3153, 95.2921, 71.0761



Protanomaly

87.6001, 94.8313, 83.4993



Deuteranomaly

88.5638, 95.2168, 88.5738



Tritanomaly

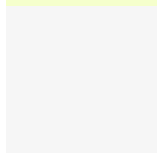
88.7044, 95.1902, 93.0552

Monochromacy



Original Color

84.3153, 95.2921, 71.0761



Achromatopsia

87.5964, 92.1582, 100.3603



Achromatomaly

86.3055, 93.1137, 89.0253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3153, 95.2921, 71.0761 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(245, 255, 204)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 204)  
}
```

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(245, 255, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 204) }
```

Border

The CSS property to change the border of an element to XYZ 84.3153, 95.2921, 71.0761 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(245, 255, 204) }
```


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

```
.border{ border-color:rgb(245, 255, 204) }
```

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

Here you see how a box with a 4 pixel rgb(245, 255, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3153, 95.2921, 71.0761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 204) }
```

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

```
.background{ background-color: rgb(245,  
255, 204) }
```

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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double the colors in the color bucket, and more
awesome pro features!

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