

Converting Colors

XYZ(84.8261, 95.4562, 75.5821)

Have a look what the booklet for
XYZ(84.8261, 95.4562, 75.5821)
contains.

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Color

**XYZ(84.8261, 95.4562,
75.5821)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FFD3
RGB	244, 255, 211
RGB Percent	96%, 100%, 83%
CMY	0.0431, 0.0000, 0.1725
CMYK	0.04, 0.00, 0.17, 0.00
HSL	75°, 100%, 91%
HSV	75°, 17%, 100%
XYZ	84.8261, 95.4562, 75.5821
YIQ	246.6950, 7.5680, -16.0160

Conversions

Conversions Part 2

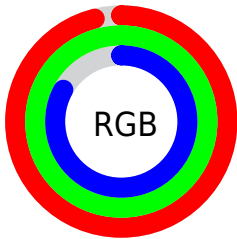
Format	Color
R _Y B	211, 255, 222
Decimal	16056275
CIE Lab	98.22, -10.92, 19.84
CIE LCh	98, 22.643, 118.821
Yxy	95.4562, 0.3315, 0.3731
Android (android.graphics.Color)	4294246355 (0xFFFF4FFD3)
YUV	246.6950, -17.5976, -2.3635
Hunter-Lab	97.7017, -16.0015, 22.5244

Details

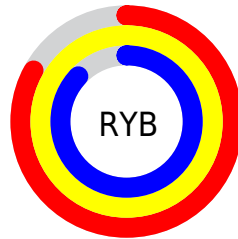
The XYZ color **84.8261, 95.4562, 75.5821** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.4693, 69.3394, 104.2247**, and the grayscale version is **88.2937, 92.8919, 101.1592**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9339, 53.4798, 39.3015** is the 20% darker color. If you saturate the color by 10%, you get **79.7046, 93.1565, 59.9575**, and if you desaturate by 10%, it is **90.5325, 97.9988, 93.8840**.

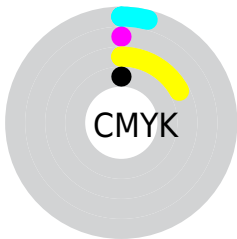
Distribution



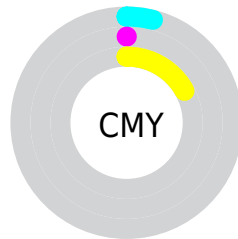
- Red (96%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8261, 95.4562, 75.5821 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 84.8261, 95.4562, 75.5821 by changing the saturation by 10% instead.

84.8261, 95.4562,
75.5821

84.8261, 95.4562,
75.5821

499.5448,
545.6244, 499.2246

64.0197, 72.5147,
55.5853

139.0455,
154.8947, 128.8907

46.9284, 53.5793,
39.4688

173.1892,
192.1605, 163.0395

33.1868, 38.2654,
26.8140

212.5093,
234.9699, 202.7428

22.4295, 26.1887,
17.2023

257.3713,
283.7073, 248.4191

14.2912, 16.9649,
10.2154

308.1405,
338.7571, 300.4869

8.4065, 10.2095,
5.4345

365.1823,

4.4101, 5.5381,

400.5036, 359.3647

2.4412

428.8619,
469.3312, 425.4711

■ 1.9367, 2.5663,
0.8088

■ 0.5980, 0.9097,
0.0000

■ 84.8261, 95.4562,
75.5821

■ 84.8261, 95.4562,
75.5821

■ 79.7046, 93.1565,
59.9575

■ 90.5325, 97.9988,
93.8840

■ 75.1416, 91.0890,
46.8802

95.0500, 100.0000,
108.9000

■ 71.1111, 89.2430,
36.2160

■ 67.5843, 87.6071,
27.8164

■ 64.5289, 86.1683,
21.5167

■ 61.9087, 84.9119,
17.1300

■ 59.6812, 83.8209,
14.4361

■ 57.7915, 82.8732,
13.1513

■ 57.3095, 82.6292,
12.9285

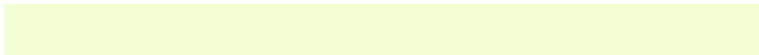
Harmonies

Analogous

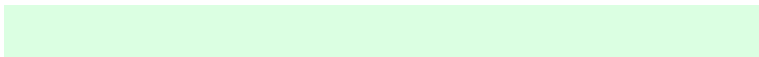
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.9861, 95.4562, 72.0533



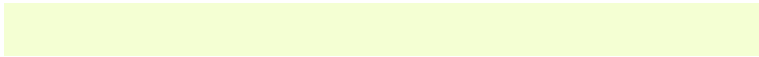
84.8261, 95.4562, 75.5821



80.4337, 95.4562, 86.4572

Triad

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



84.8261, 95.4562, 75.5821



84.4002, 95.4562, 137.7260



103.8287, 95.4562, 104.6750

Complementary

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



84.8261, 95.4562, 75.5821



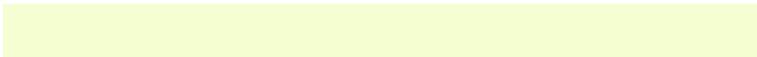
71.4693, 69.3394, 104.2247

Split Complementary

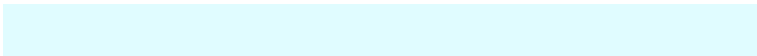
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.8657, 95.4562, 123.6239



84.8261, 95.4562, 75.5821



90.4709, 95.4562, 144.0594

Square

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



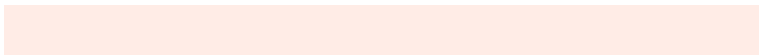
84.8261, 95.4562, 75.5821



80.1962, 95.4562, 122.1950



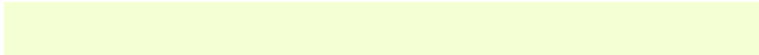
96.8980, 95.4562, 138.6179



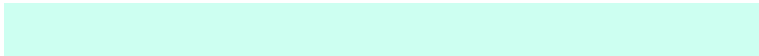
102.1442, 95.4562, 87.5922

Rectangle

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



84.8261, 95.4562, 75.5821



78.9928, 95.4562, 97.1385



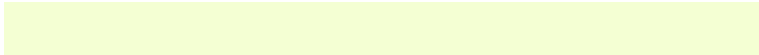
96.8980, 95.4562, 138.6179



103.5719, 95.4562, 111.0426

Sweetspot

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



84.8267, 95.4565, 75.5835



91.9017, 98.6063, 98.3906



78.9255, 77.8179, 72.4899



19.5787, 21.0650, 20.7556



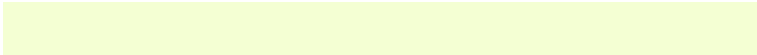
0.0000, 0.0000, 0.0000



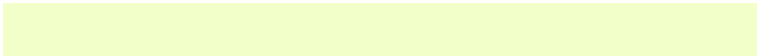
20.3446, 21.4041, 23.3091

Same Dimension

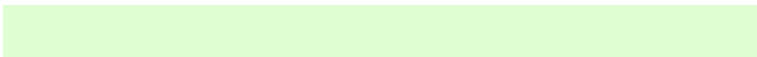
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8267, 95.4565, 75.5835



82.8409, 94.5671, 69.4234



77.8679, 91.8691, 75.2578



19.0917, 20.8487, 19.1623



30.0893, 43.2497, 6.7622



3.0295, 4.2625, 0.6631

Inverse Universe

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



71.4693, 69.3394, 104.2247



67.0182, 63.6258, 103.3565



78.3992, 72.9118, 104.5490



17.4284, 17.5971, 22.7279



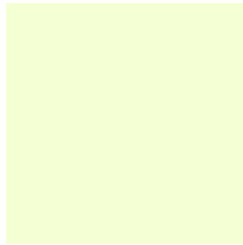
10.6415, 4.3964, 49.7223



1.1309, 0.4769, 4.8457

Previews

White Background



This preview shows how the XYZ color 84.8261, 95.4562, 75.5821 looks on a white background.

Color Contrast Check

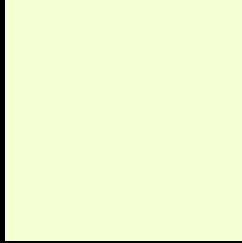
Large Text (above 18pt) WCAG AA × Fail

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 84.8261, 95.4562, 75.5821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

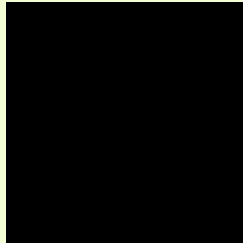
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

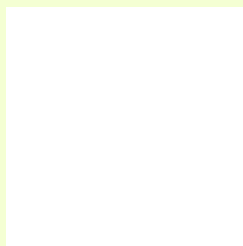
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8261, 95.4562, 75.5821

Background



This preview shows how black text looks on a background with the XYZ color 84.8261, 95.4562, 75.5821.



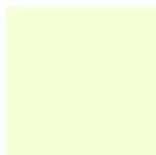
This preview shows how white text looks on a background with the XYZ color 84.8261, 95.4562,

75.5821.

Color Blindness Simulation

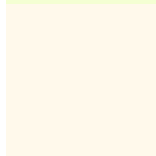
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



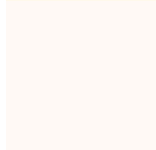
Original Color

84.8261, 95.4562, 75.5821



Protanopia

90.1111, 95.0095, 92.1866



Deuteranopia

91.5971, 95.6039, 100.0119

Tritanopia

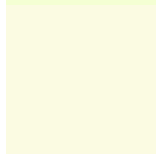
91.3500, 95.2954, 108.1869

Trichromacy



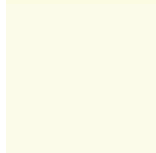
Original Color

84.8261, 95.4562, 75.5821



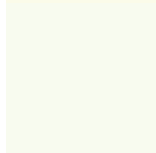
Protanomaly

88.0083, 94.9946, 85.6488



Deuteranomaly

88.9888, 95.3868, 90.8121



Tritanomaly

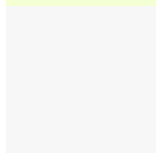
88.7886, 95.1828, 95.3538

Monochromacy



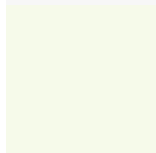
Original Color

84.8261, 95.4562, 75.5821



Achromatopsia

88.4070, 93.0111, 101.2891



Achromatomaly

87.0429, 93.9046, 91.3796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8261, 95.4562, 75.5821 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 211) }
```

Border

The CSS property to change the border of an element to XYZ 84.8261, 95.4562, 75.5821 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, 211) }
```


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

```
.border{ border-color:rgb(244, 255, 211) }
```

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, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8261, 95.4562, 75.5821 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, 211) }
```

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

```
.background{ background-color: rgb(244,  
255, 211) }
```

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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