

Converting Colors

XYZ(131.9232, 189.1923,
91.0646)

Have a look what the booklet for
XYZ(131.9232, 189.1923, 91.0646)
contains.

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Color

**XYZ(85.1741, 95.6356,
75.5984)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FFD3
RGB	245, 255, 211
RGB Percent	96%, 100%, 83%
CMY	0.0392, 0.0000, 0.1725
CMYK	0.04, 0.00, 0.17, 0.00
HSL	74°, 100%, 91%
HSV	74°, 17%, 100%
XYZ	85.1741, 95.6356, 75.5984
YIQ	246.9940, 8.1640, -15.8040

Conversions

Conversions Part 2

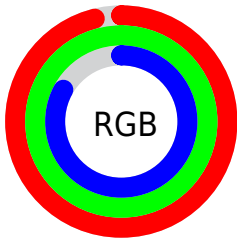
Format	Color
R_{YB}	211, 255, 221
Decimal	16121811
CIE _{Lab}	98.29, -10.57, 19.95
CIE _{LCh}	98, 22.574, 117.909
Yxy	95.6356, 0.3322, 0.3730
Android (android.graphics.Color)	4294311891 (0xFFF5FFD3)
YUV	246.9940, -17.7450, -1.7487
Hunter-Lab	97.7935, -15.6723, 22.6218

Details

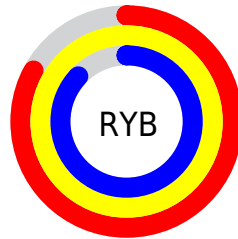
The XYZ color **85.1741, 95.6356, 75.5984** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.1639, 69.1819, 104.2104**, and the grayscale version is **88.5376, 93.1485, 101.4387**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1811, 53.6073, 39.3130** is the 20% darker color. If you saturate the color by 10%, you get **80.2363, 93.4306, 59.9824**, and if you desaturate by 10%, it is **90.6837, 98.0768, 93.8911**.

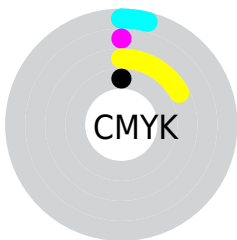
Distribution



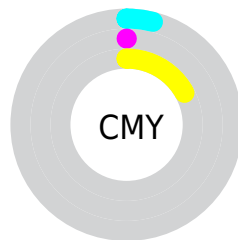
- Red (96%)
- Green (100%)
- Blue (83%)



- 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 85.1741, 95.6356, 75.5984 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 85.1741, 95.6356, 75.5984 by changing the saturation by 10% instead.


 85.1741, 95.6356,
75.5984

 85.1741, 95.6356,
75.5984


500.6790,
546.1978, 499.2820

 64.3082, 72.6641,
55.5986

139.5292,
155.1424, 128.9139

 47.1630, 53.7013,
39.4793


173.7491,
192.4465, 163.0667

 33.3730, 38.3629,
26.8221


213.1510,
235.2970, 202.7743

 22.5729, 26.2645,
17.2084

258.1004,
284.0781, 248.4551

 14.3974, 17.0216,
10.2197

308.9625,
339.1744, 300.5278

 8.4812, 10.2499,
5.4373

366.1027,

 4.4587, 5.5650,

400.9701, 359.4108

2.4429

429.8864,
469.8498, 425.5227

■ 1.9648, 2.5824,
0.8097

■ 0.6141, 0.9178,
0.0000

■ 85.1741, 95.6356,
75.5984

■ 85.1741, 95.6356,
75.5984

■ 80.2363, 93.4306,
59.9824

■ 90.6837, 98.0768,
93.8911

■ 75.8439, 91.4510,
46.9131

95.0500, 100.0000,
108.9000

■ 71.9713, 89.6865,
36.2562

■ 68.5897, 88.1255,
27.8635

■ 65.6672, 86.7551,
21.5700

■ 63.1678, 85.5610,
17.1889

■ 61.0489, 84.5260,
14.5001

■ 59.2562, 83.6283,
13.2198

■ 58.7988, 83.3969,
12.9982

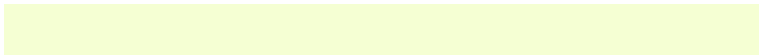
Harmonies

Analogous

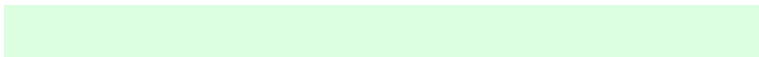
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3554, 95.6356, 72.3043



85.1741, 95.6356, 75.5984



80.7174, 95.6356, 86.2514

Triad

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



85.1741, 95.6356, 75.5984



84.4202, 95.6356, 137.4896



103.9675, 95.6356, 105.4420

Complementary

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



85.1741, 95.6356, 75.5984



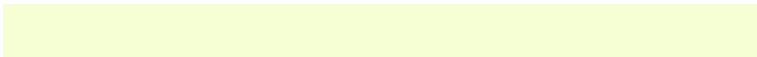
71.1639, 69.1819, 104.2104

Split Complementary

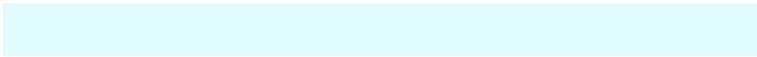
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.9022, 95.6356, 124.3249



85.1741, 95.6356, 75.5984



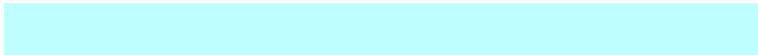
90.4436, 95.6356, 144.1469

Square

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



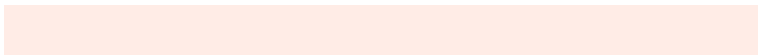
85.1741, 95.6356, 75.5984



80.2969, 95.6356, 121.7970



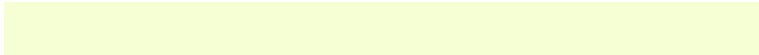
96.8744, 95.6356, 139.0670



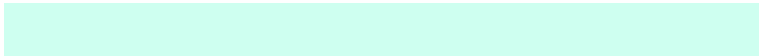
102.3950, 95.6356, 88.2614

Rectangle

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



85.1741, 95.6356, 75.5984



79.2189, 95.6356, 96.8130



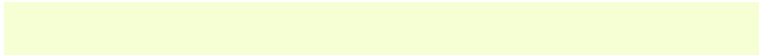
96.8744, 95.6356, 139.0670



103.6737, 95.6356, 111.8086

Sweetspot

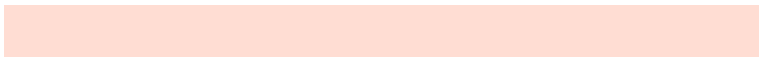
The Sweet Spot groups the original color and five complimentary colors.



85.1747, 95.6359, 75.5998



92.0066, 98.6604, 98.3955



78.7320, 77.4309, 72.4255



19.6042, 21.0782, 20.7568



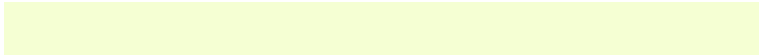
0.0000, 0.0000, 0.0000



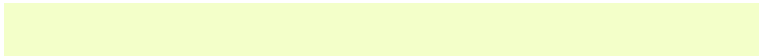
20.3446, 21.4041, 23.3091

Same Dimension

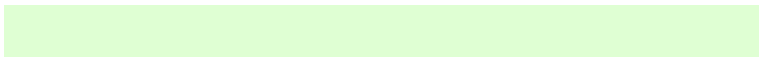
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.1747, 95.6359, 75.5998



83.2592, 94.7828, 69.4430



78.0940, 91.9857, 75.2684



19.1338, 20.8704, 19.1643



30.8596, 43.6468, 6.7982



3.0986, 4.2982, 0.6663

Inverse Universe

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



71.1639, 69.1819, 104.2104



66.6624, 63.4424, 103.3399



78.1463, 72.7815, 104.5372



17.3891, 17.5768, 22.7261



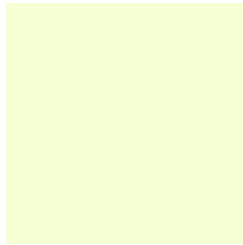
10.4473, 4.2963, 49.7132



1.1071, 0.4646, 4.8446

Previews

White Background



This preview shows how the XYZ color 85.1741, 95.6356, 75.5984 looks on a white background.

Color Contrast Check

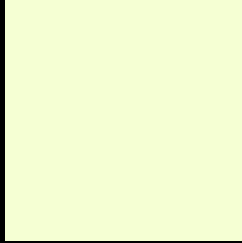
Large Text (above 18pt) WCAG AA × Fail

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 85.1741, 95.6356, 75.5984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

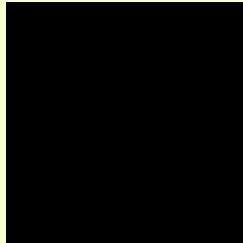
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

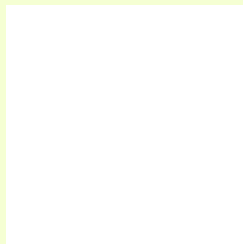
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.1741, 95.6356, 75.5984

Background



This preview shows how black text looks on a background with the XYZ color 85.1741, 95.6356, 75.5984.



This preview shows how white text looks on a background with the XYZ color 85.1741, 95.6356,

75.5984.

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

85.1741, 95.6356, 75.5984

Protanopia

90.5659, 95.6873, 93.0530

Deuteranopia

91.7502, 95.6652, 100.8182

Tritanopia

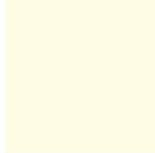
91.7093, 95.4806, 108.2037

Trichromacy



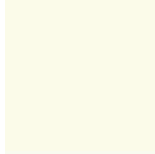
Original Color

85.1741, 95.6356, 75.5984



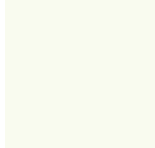
Protanomaly

88.4592, 95.6761, 86.4781



Deuteranomaly

88.9888, 95.3868, 90.8121



Tritanomaly

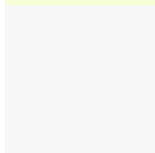
89.1441, 95.3661, 95.3705

Monochromacy



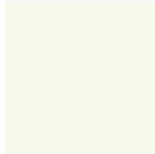
Original Color

85.1741, 95.6356, 75.5984



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 85.1741, 95.6356, 75.5984 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 211) }
```

Border

The CSS property to change the border of an element to XYZ 85.1741, 95.6356, 75.5984 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, 211) }
```


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

```
.border{ border-color:rgb(245, 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(245, 255, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1741, 95.6356, 75.5984 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, 211) }
```

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

```
.background{ background-color: rgb(245,  
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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