

Converting Colors

XYZ(84.7034, 95.2112, 83.7893)

Have a look what the booklet for
XYZ(84.7034, 95.2112, 83.7893)
contains.

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Color

**XYZ(84.6759, 95.1984,
83.7243)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFDFD
RGB	239, 255, 223
RGB Percent	94%, 100%, 87%
CMY	0.0627, 0.0000, 0.1255
CMYK	0.06, 0.00, 0.13, 0.00
HSL	90°, 100%, 94%
HSV	90°, 13%, 100%
XYZ	84.6759, 95.1984, 83.7243
YIQ	246.5680, 0.7360, -13.3440

Conversions

Conversions Part 2

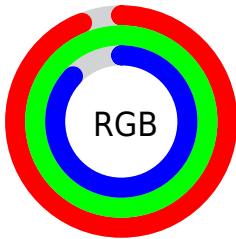
Format	Color
R _Y B	223, 255, 239
Decimal	15728607
CIE Lab	98.11, -10.76, 13.52
CIE LCh	98, 17.275, 128.511
Yxy	95.1984, 0.3212, 0.3611
Android (android.graphics.Color)	4293918687 (0xFFEFFFDF)
YUV	246.5680, -11.6190, -6.6371
Hunter-Lab	97.5697, -15.8356, 17.4222

Details

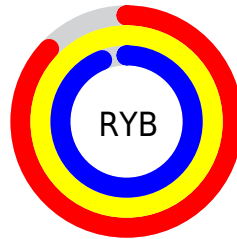
The XYZ color **84.6759, 95.1984, 83.7243** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **80.0351, 78.3473, 105.5120**, and the grayscale version is **88.1476, 92.7382, 100.9919**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7904, 53.2826, 44.8642** is the 20% darker color. If you saturate the color by 10%, you get **77.3387, 91.7837, 66.7653**, and if you desaturate by 10%, it is **92.8361, 98.9775, 103.4274**.

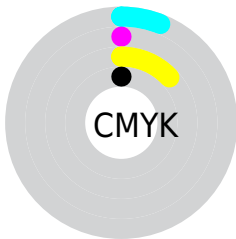
Distribution



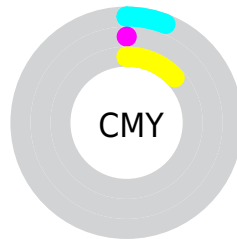
- Red (94%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (94%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.6759, 95.1984, 83.7243 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 84.6759, 95.1984, 83.7243 by changing the saturation by 10% instead.


 84.6759, 95.1984,
83.7243

 84.6759, 95.1984,
83.7243


499.0549,
544.7999, 527.4314

 63.8952, 72.3001,
62.2438


138.8366,
154.5387, 140.4477

 46.8272, 53.4039,
44.7926


172.9474,
191.7494, 176.5277

 33.1064, 38.1253,
30.9524


212.2322,
234.4998, 218.3113

 22.3676, 26.0799,
20.3044

257.0565,
283.1743, 266.2169

 14.2454, 16.8835,
12.4303

307.7855,
338.1571, 320.6632

 8.3744, 10.1514,
6.9113

364.7847,

 4.3892, 5.4995,

399.8327, 382.0687

3.3291

428.4194,
468.5855, 450.8519

■ 1.9246, 2.5432,
1.2650

■ 0.5911, 0.8982,
0.0329

■ 84.6759, 95.1984,
83.7243

■ 84.6759, 95.1984,
83.7243

■ 77.3387, 91.7837,
66.7653

■ 92.8361, 98.9775,
103.4274

■ 70.7930, 88.7199,
52.4242

95.0500, 100.0000,
108.9000

■ 65.0082, 85.9942,
40.5716

■ 59.9509, 83.5922,
31.0650

■ 55.5844, 81.4986,
23.7477

■ 51.8682, 79.6964,
18.4439

■ 48.7564, 78.1663,
14.9505

■ 46.1946, 76.8857,
13.0219

■ 44.5874, 76.0707,
12.3331

Harmonies

Analogous

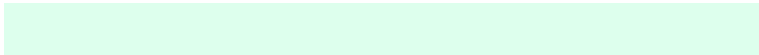
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0796, 95.1984, 78.9289



84.6759, 95.1984, 83.7243



81.8991, 95.1984, 93.9711

Triad

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



84.6759, 95.1984, 83.7243



87.0355, 95.1984, 131.1926



100.2431, 95.1984, 99.6664

Complementary

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



84.6759, 95.1984, 83.7243



80.0351, 78.3473, 105.5120

Split Complementary

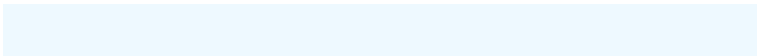
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.6472, 95.1984, 113.9821



84.6759, 95.1984, 83.7243



91.9015, 95.1984, 133.0705

Square

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



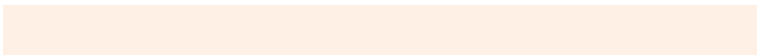
84.6759, 95.1984, 83.7243



83.2264, 95.1984, 121.6021



96.5502, 95.1984, 126.5212



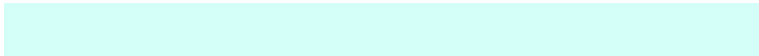
98.1501, 95.1984, 87.5666

Rectangle

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



84.6759, 95.1984, 83.7243



81.2835, 95.1984, 102.9468



96.5502, 95.1984, 126.5212



100.3521, 95.1984, 104.3662

Sweetspot

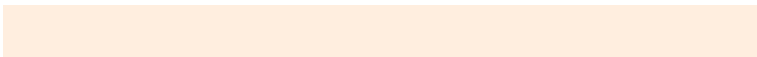
The Sweet Spot groups the original color and five complimentary colors.



84.6766, 95.1988, 83.7257



91.5995, 98.4059, 100.3926



85.2704, 88.0096, 82.3068



19.4704, 21.0002, 21.1566



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

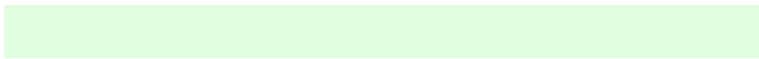
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6766, 95.1988, 83.7257



82.8026, 94.3283, 79.3183



79.6762, 92.6210, 83.4917



18.6370, 20.6143, 19.1410



23.4701, 39.8373, 6.4524



2.4111, 3.9437, 0.6341

Inverse Universe

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



80.0351, 78.3473, 105.5120



77.3489, 74.5283, 104.9164



85.4823, 81.1554, 105.7669



17.8684, 17.8239, 22.7485



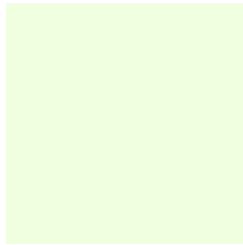
14.2158, 6.2390, 49.8896



1.5101, 0.6724, 4.8635

Previews

White Background



This preview shows how the XYZ color 84.6759, 95.1984, 83.7243 looks on a white background.

Color Contrast Check

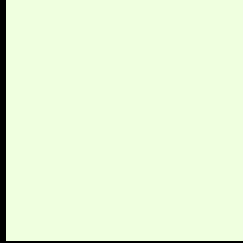
Large Text (above 18pt) WCAG AA × Fail

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 84.6759, 95.1984, 83.7243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

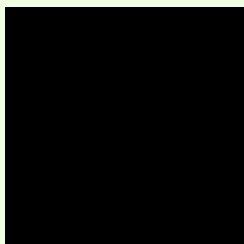
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

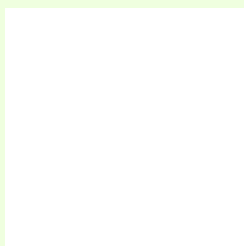
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.6759, 95.1984, 83.7243

Background



This preview shows how black text looks on a background with the XYZ color 84.6759, 95.1984, 83.7243.



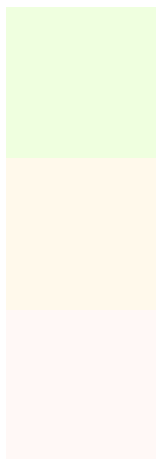
This preview shows how white text looks on a background with the XYZ color 84.6759, 95.1984,

83.7243.

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

84.6759, 95.1984, 83.7243

Protanopia

90.1111, 95.0095, 92.1866

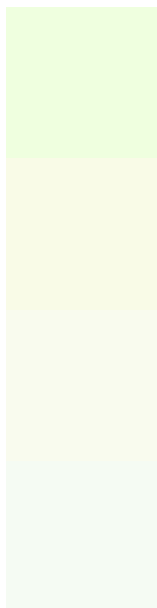
Deuteranopia

91.4420, 95.0486, 100.7155

Tritanopia

90.6371, 94.9278, 108.1536

Trichromacy



Original Color

84.6759, 95.1984, 83.7243

Protanomaly

87.9879, 94.9036, 89.2821

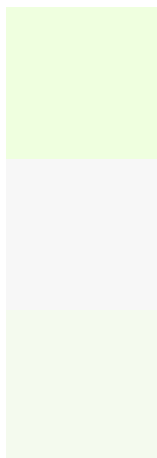
Deuteranomaly

88.9967, 95.3071, 94.5944

Tritanomaly

88.3310, 94.8779, 98.4517

Monochromacy



Original Color

84.6759, 95.1984, 83.7243

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

86.9265, 93.7774, 94.4082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6759, 95.1984, 83.7243 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(239, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 223)  
}
```

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(239, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 223) }
```

Border

The CSS property to change the border of an element to XYZ 84.6759, 95.1984, 83.7243 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(239, 255, 223) }
```


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

```
.border{ border-color:rgb(239, 255, 223) }
```

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

Here you see how a box with a 4 pixel rgb(239, 255, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6759, 95.1984, 83.7243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 223) }
```

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

```
.background{ background-color: rgb(239,  
255, 223) }
```

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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