

Converting Colors

XYZ(131.3656, 183.8814,
99.1272)

Have a look what the booklet for
XYZ(131.3656, 183.8814, 99.1272)
contains.

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Color

**XYZ(87.9259, 96.8583,
84.5823)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FFE0
RGB	248, 255, 224
RGB Percent	97%, 100%, 88%
CMY	0.0274, 0.0000, 0.1216
CMYK	0.03, 0.00, 0.12, 0.00
HSL	74°, 100%, 94%
HSV	74°, 12%, 100%
XYZ	87.9259, 96.8583, 84.5823
YIQ	249.3730, 5.7790, -11.1250

Conversions

Conversions Part 2

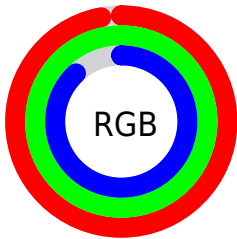
Format	Color
R_{YB}	224, 255, 231
Decimal	16318432
CIE _{Lab}	98.77, -7.52, 14.03
CIE _{LCh}	99, 15.919, 118.192
Yxy	96.8583, 0.3264, 0.3596
Android (android.graphics.Color)	4294508512 (0xFFFF8FFE0)
YUV	249.3730, -12.5089, -1.2041
Hunter-Lab	98.4166, -12.7563, 17.9360

Details

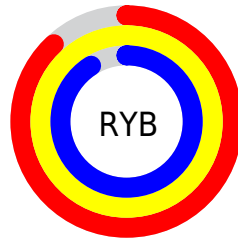
The XYZ color **87.9259, 96.8583, 84.5823** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **77.6615, 77.5214, 105.4777**, and the grayscale version is **90.4450, 95.1552, 103.6240**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0937, 54.4592, 45.4603** is the 20% darker color. If you saturate the color by 10%, you get **82.7126, 94.5407, 67.6189**, and if you desaturate by 10%, it is **93.7220, 99.4162, 104.2831**.

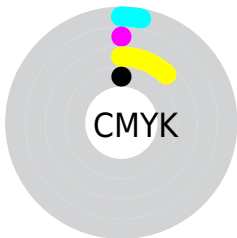
Distribution



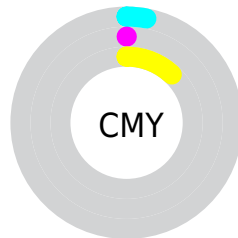
- Red (97%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.9259, 96.8583, 84.5823 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 87.9259, 96.8583, 84.5823 by changing the saturation by 10% instead.


 87.9259, 96.8583,
84.5823

 87.9259, 96.8583,
84.5823

509.5996,
550.0972, 530.3534

 66.5923, 73.6826,
62.9481


143.3470,
156.8294, 141.6584

 49.0228, 54.5343,
45.3585


178.1653,
194.3937, 177.9374

 34.8522, 39.0290,
31.3949


218.2091,
237.5229, 219.9352

 23.7150, 26.7823,
20.6388

263.8439,
286.6014, 268.0702

 15.2460, 17.4098,
12.6715

315.4350,
342.0137, 322.7610

 9.0796, 10.5271,
7.0747

373.3477,

 4.8507, 5.7498,

404.1442, 384.4261

3.4297

437.9475,
473.3772, 453.4840

■ 2.1938, 2.6935,
1.3180

■ 0.7395, 0.9739,
0.0765

■ 87.9259, 96.8583,
84.5823

■ 87.9259, 96.8583,
84.5823

■ 82.7126, 94.5407,
67.6189

■ 93.7220, 99.4162,
104.2831

■ 78.0565, 92.4533,
53.2674

95.0500, 100.0000,
108.9000

■ 73.9332, 90.5861,
41.3989

■ 70.3150, 88.9280,
31.8718

■ 67.1719, 87.4669,
24.5303

■ 64.4701, 86.1892,
19.1998

■ 62.1707, 85.0794,
15.6788

■ 60.2270, 84.1186,
13.7241

■ 58.8970, 83.4475,
13.0028

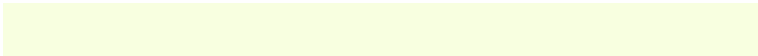
Harmonies

Analogous

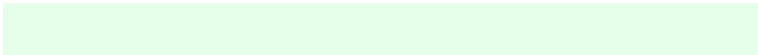
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3416, 96.8583, 82.0133



87.9259, 96.8583, 84.5823



84.7131, 96.8583, 92.6077

Triad

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



87.9259, 96.8583, 84.5823



87.4557, 96.8583, 128.6044



101.2324, 96.8583, 106.2674

Complementary

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



87.9259, 96.8583, 84.5823



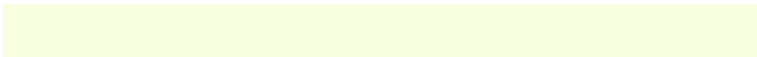
77.6615, 77.5214, 105.4777

Split Complementary

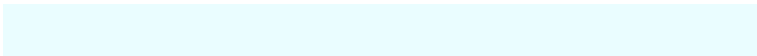
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.8218, 96.8583, 119.4544



87.9259, 96.8583, 84.5823



91.7807, 96.8583, 133.0021

Square

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



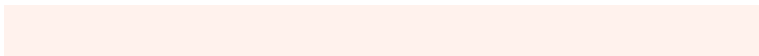
87.9259, 96.8583, 84.5823



84.4480, 96.8583, 117.9492



96.3236, 96.8583, 129.5233



100.1181, 96.8583, 93.8892

Rectangle

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



87.9259, 96.8583, 84.5823



83.6329, 96.8583, 100.3390



96.3236, 96.8583, 129.5233



101.0369, 96.8583, 110.7569

Sweetspot

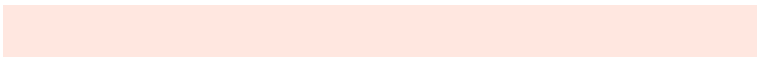
The Sweet Spot groups the original color and five complimentary colors.



87.9265, 96.8585, 84.5837



92.6087, 98.9262, 100.4399



83.1919, 83.6361, 82.2811



19.7261, 21.1320, 21.1686



0.0000, 0.0000, 0.0000



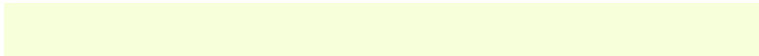
20.3446, 21.4041, 23.3091

Same Dimension

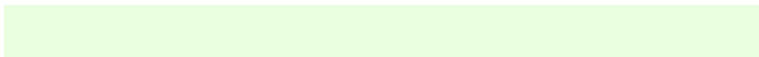
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.9265, 96.8585, 84.5837



86.3856, 96.1754, 79.4860



82.7488, 94.1893, 84.3414



19.1365, 20.8718, 19.1644



30.9103, 43.6729, 6.8006



3.1032, 4.3005, 0.6665

Inverse Universe

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



77.6615, 77.5214, 105.4777



73.9704, 72.7867, 104.7583



82.7884, 80.1645, 105.7176



17.3866, 17.5755, 22.7260



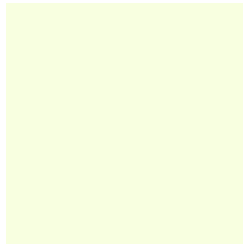
10.4354, 4.2902, 49.7127



1.1056, 0.4639, 4.8445

Previews

White Background



This preview shows how the XYZ color 87.9259, 96.8583, 84.5823 looks on a white background.

Color Contrast Check

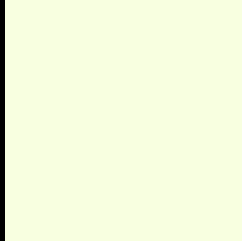
Large Text (above 18pt) WCAG AA × Fail

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 87.9259, 96.8583, 84.5823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

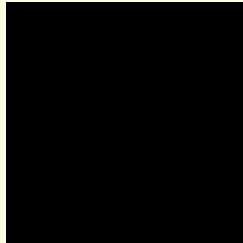
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.9259, 96.8583, 84.5823

Background



This preview shows how black text looks on a background with the XYZ color 87.9259, 96.8583, 84.5823.



This preview shows how white text looks on a background with the XYZ color 87.9259, 96.8583, 84.5823.

84.5823.

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

87.9259, 96.8583, 84.5823

Protanopia

91.9148, 96.7254, 98.6195

Deuteranopia

92.5245, 96.4708, 103.3667

Tritanopia

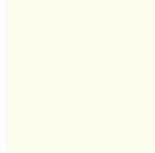
92.6921, 96.9098, 108.4278

Trichromacy



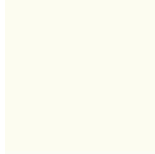
Original Color

87.9259, 96.8583, 84.5823



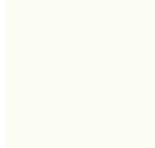
Protanomaly

90.0956, 96.3724, 93.2101



Deuteranomaly

90.6835, 96.6075, 96.3057



Tritanomaly

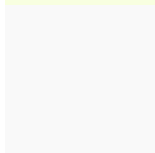
90.9232, 96.6617, 99.4534

Monochromacy



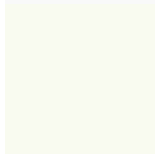
Original Color

87.9259, 96.8583, 84.5823



Achromatopsia

90.0415, 94.7307, 103.1617



Achromatomaly

89.2923, 95.4254, 96.1508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9259, 96.8583, 84.5823 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(248, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 224)  
}
```

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(248, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 224) }
```

Border

The CSS property to change the border of an element to XYZ 87.9259, 96.8583, 84.5823 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(248, 255, 224) }
```


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

```
.border{ border-color:rgb(248, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9259, 96.8583, 84.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 224) }
```

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

```
.background{ background-color: rgb(248,  
255, 224) }
```

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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