

Converting Colors

XYZ(82.4145, 92.0942, 81.5491)

Have a look what the booklet for
XYZ(82.4145, 92.0942, 81.5491)
contains.

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Color

**XYZ(82.4734, 92.2193,
81.8599)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFBDD
RGB	237, 251, 221
RGB Percent	93%, 98%, 87%
CMY	0.0706, 0.0157, 0.1333
CMYK	0.06, 0.00, 0.12, 0.02
HSL	88°, 79%, 93%
HSV	88°, 12%, 98%
XYZ	82.4734, 92.2193, 81.8599
YIQ	243.3940, 1.2860, -12.2980

Conversions

Conversions Part 2

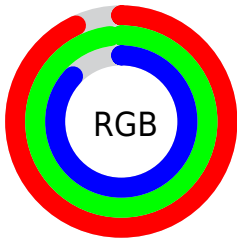
Format	Color
R _Y B	221, 251, 235
Decimal	15596509
CIE Lab	96.91, -9.78, 12.81
CIE LCh	97, 16.119, 127.350
Yxy	92.2193, 0.3215, 0.3595
Android (android.graphics.Color)	4293786589 (0xFFEDFBDD)
YUV	243.3940, -11.0402, -5.6075
Hunter-Lab	96.0309, -14.7544, 16.6809

Details

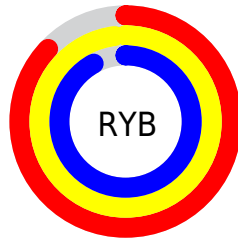
The XYZ color **82.4734, 92.2193, 81.8599** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **77.5335, 76.3426, 101.9207**, and the grayscale version is **85.5919, 90.0493, 98.0637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2308, 51.1605, 43.5674** is the 20% darker color. If you saturate the color by 10%, you get **75.5920, 89.0325, 65.3666**, and if you desaturate by 10%, it is **90.1155, 95.7459, 101.0025**.

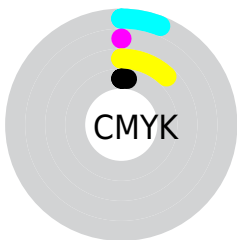
Distribution



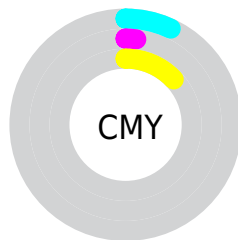
- Red (93%)
- Green (98%)
- Blue (87%)



- Red (87%)
- Yellow (98%)
- Blue (92%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)





- Cyan (7%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4734, 92.2193, 81.8599 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 82.4734, 92.2193, 81.8599 by changing the saturation by 10% instead.


 82.4734, 92.2193,
81.8599

 82.4734, 92.2193,
81.8599


491.8403,
535.2240, 521.0501

 62.0713, 69.8228,
60.7149


135.7700,
150.4173, 137.8124

 45.3461, 51.3821,
43.5661


169.3952,
186.9876, 173.4571

 31.9326, 36.5128,
29.9948

208.1588,
229.0512, 214.7720

 21.4653, 24.8305,
19.5826

252.4262,
276.9927, 262.1758

 13.5789, 15.9508,
11.9110

302.5627,
331.1963, 316.0869

 7.9081, 9.4893,
6.5613

358.9336,

 4.0875, 5.0617,

392.0464, 376.9240

3.1150

421.9044,
459.9275, 445.1055

■ 1.7518, 2.2835,
1.1537

■ 0.4883, 0.7650,
0.0000

■ 82.4734, 92.2193,
81.8599

■ 82.4734, 92.2193,
81.8599

■ 75.5920, 89.0325,
65.3666

■ 90.1155, 95.7459,
101.0025

■ 69.4369, 86.1622,
51.3998

■ 93.7890, 97.4780,
108.4797

■ 63.9816, 83.6002,
39.8363

■ 59.1954, 81.3336,
30.5397

■ 55.0445, 79.3483,
23.3604

■ 51.4916, 77.6288,
18.1305

■ 48.4942, 76.1574,
14.6567

■ 46.0024, 74.9134,
12.7062

■ 44.3063, 74.0538,
11.9586

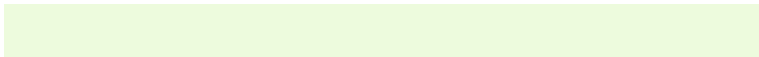
Harmonies

Analogous

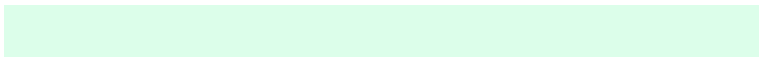
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5422, 92.2193, 77.6496



82.4734, 92.2193, 81.8599



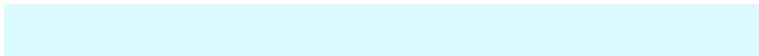
79.8574, 92.2193, 91.1090

Triad

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



82.4734, 92.2193, 81.8599



84.3404, 92.2193, 125.2337



96.5761, 92.2193, 97.2538

Complementary

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



82.4734, 92.2193, 81.8599



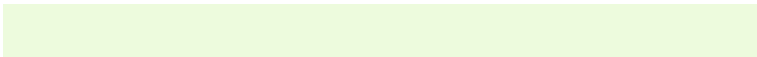
77.5335, 76.3426, 101.9207

Split Complementary

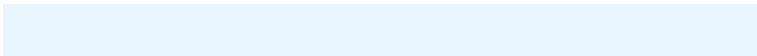
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.9373, 92.2193, 110.3258



82.4734, 92.2193, 81.8599



88.7706, 92.2193, 127.2356

Square

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



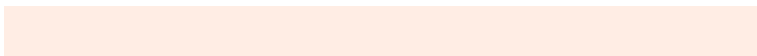
82.4734, 92.2193, 81.8599



80.9091, 92.2193, 116.3163



93.0423, 92.2193, 121.5726



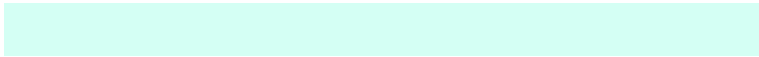
94.7588, 92.2193, 86.0263

Rectangle

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



82.4734, 92.2193, 81.8599



79.2365, 92.2193, 99.2625



93.0423, 92.2193, 121.5726



96.6425, 92.2193, 101.5686

Sweetspot

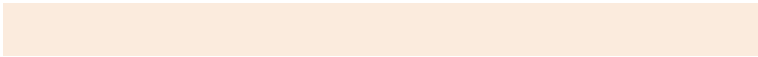
The Sweet Spot groups the original color and five complimentary colors.



82.4759, 92.2233, 81.8619



91.7210, 98.4686, 100.3983



82.5465, 85.1497, 80.4928



19.5012, 21.0160, 21.1581



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

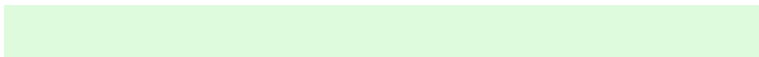
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4759, 92.2233, 81.8619



83.9589, 94.8858, 81.1148



77.6752, 89.7485, 81.6372



17.9013, 19.7649, 18.3339



23.4579, 39.0113, 6.2936



2.2950, 3.6762, 0.5886

Inverse Universe

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



77.5335, 76.3426, 101.9207



78.0397, 75.8663, 105.1383



82.6968, 79.0044, 102.1623



17.0532, 17.0401, 21.7756



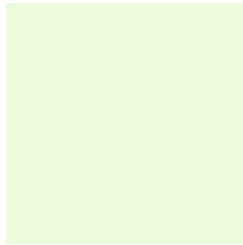
13.1845, 5.7395, 48.3865



1.3422, 0.5940, 4.4871

Previews

White Background



This preview shows how the XYZ color 82.4734, 92.2193, 81.8599 looks on a white background.

Color Contrast Check

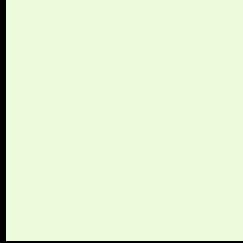
Large Text (above 18pt) WCAG AA × Fail

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 82.4734, 92.2193, 81.8599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

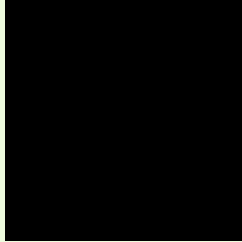
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

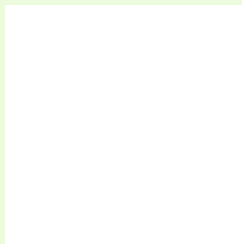
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4734, 92.2193, 81.8599

Background



This preview shows how black text looks on a background with the XYZ color 82.4734, 92.2193, 81.8599.



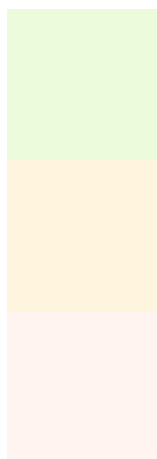
This preview shows how white text looks on a background with the XYZ color 82.4734, 92.2193,

81.8599.

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

82.4734, 92.2193, 81.8599

Protanopia

87.2117, 91.8925, 82.9525

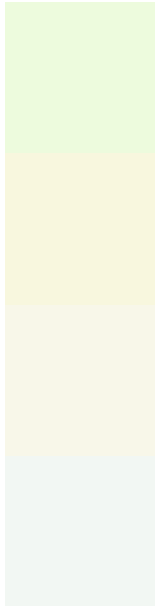
Deuteranopia

89.3189, 92.2526, 95.5370

Tritanopia

88.3586, 91.9373, 107.6964

Trichromacy



Original Color

82.4734, 92.2193, 81.8599

Protanomaly

85.1570, 91.7519, 82.3289

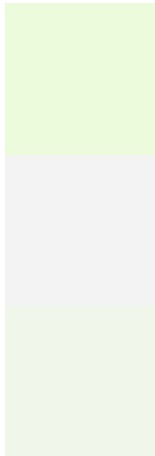
Deuteranomaly

86.6801, 92.3612, 90.3498

Tritanomaly

86.0564, 91.8698, 97.9910

Monochromacy



Original Color

82.4734, 92.2193, 81.8599

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.2268, 90.6105, 91.6476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4734, 92.2193, 81.8599 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(237, 251, 221)` looks like.

```
.text, #text, p{  
    color:rgb(237, 251, 221)  
}
```

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(237, 251, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 251, 221) }
```

Border

The CSS property to change the border of an element to XYZ 82.4734, 92.2193, 81.8599 is called "border". The border property can be set on classes, ids or directly on the HTML element.

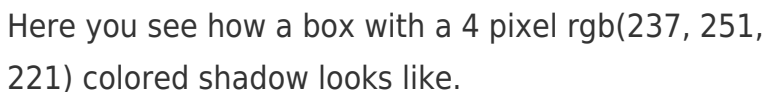
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 251, 221) }
```


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

```
.border{ border-color:rgb(237, 251, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 251, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 251, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 251, 221); box-shadow:4px 4px 4px 4px rgb(237, 251, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4734, 92.2193, 81.8599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 251, 221) }
```

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

```
.background{ background-color: rgb(237,  
251, 221) }
```

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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