

Converting Colors

XYZ(82.7537, 94.2472, 81.8422)

Have a look what the booklet for
XYZ(82.7537, 94.2472, 81.8422)
contains.

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Color

**XYZ(82.6100, 94.1797,
81.5346)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFFDC
RGB	234, 255, 220
RGB Percent	92%, 100%, 86%
CMY	0.0823, 0.0000, 0.1372
CMYK	0.08, 0.00, 0.14, 0.00
HSL	96°, 100%, 93%
HSV	96°, 14%, 100%
XYZ	82.6100, 94.1797, 81.5346
YIQ	244.7310, -1.2810, -15.3370

Conversions

Conversions Part 2

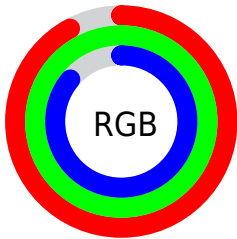
Format	Color
R _Y B	220, 255, 241
Decimal	15400924
CIE _{Lab}	97.70, -12.94, 14.42
CIE _{LCh}	98, 19.379, 131.896
Y _{xy}	94.1797, 0.3198, 0.3646
Android (android.graphics.Color)	4293591004 (0xFFEAFDC)
Y _{UV}	244.7310, -12.1924, -9.4111
Hunter-Lab	97.0462, -17.8839, 18.1191

Details

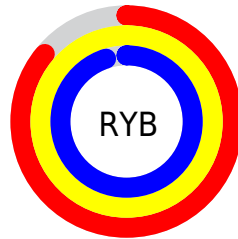
The XYZ color **82.6100, 94.1797, 81.5346** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **79.9195, 77.1083, 105.2789**, and the grayscale version is **86.6700, 91.1836, 99.2989**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3457, 52.5698, 43.3543** is the 20% darker color. If you saturate the color by 10%, you get **74.6779, 90.4515, 64.8580**, and if you desaturate by 10%, it is **91.4926, 98.3384, 100.9476**.

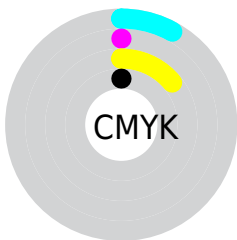
Distribution



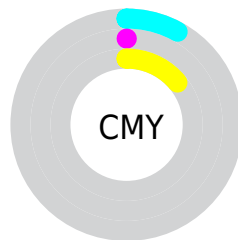
- Red (92%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (95%)



- Cyan (8%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.6100, 94.1797, 81.5346 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 82.6100, 94.1797, 81.5346 by changing the saturation by 10% instead.


 82.6100, 94.1797,
81.5346

 82.6100, 94.1797,
81.5346


492.2894,
541.5355, 519.9321

 62.1843, 71.4524,
60.4484


135.9605,
153.1308, 137.3520

 45.4378, 52.7115,
43.3525


169.6159,
190.1235, 172.9203

 32.0051, 37.5725,
29.8284

208.4120,
232.6401, 214.1530

 21.5210, 25.6511,
19.4574

252.7141,
281.0650, 261.4687

 13.6200, 16.5628,
11.8211

302.8876,
335.7826, 315.2859

 7.9368, 9.9233,
6.5009

359.2977,

 4.1060, 5.3481,

397.1773, 376.0232

3.0783

422.3099,
465.6335, 444.0991

■ 1.7623, 2.4529,
1.1348

■ 0.4948, 0.8529,
0.0000

■ 82.6100, 94.1797,
81.5346

■ 82.6100, 94.1797,
81.5346

■ 74.6779, 90.4515,
64.8580

■ 91.4926, 98.3384,
100.9476

■ 67.6598, 87.1377,
50.7903

95.0500, 100.0000,
108.9000

■ 61.5203, 84.2228,
39.2006

■ 56.2201, 81.6898,
29.9448

■ 51.7167, 79.5203,
22.8638

■ 47.9634, 77.6940,
17.7790

■ 44.9070, 76.1882,
14.4830

■ 42.4853, 74.9762,
12.7229

■ 41.2398, 74.3449,
12.1764

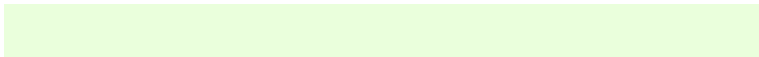
Harmonies

Analogous

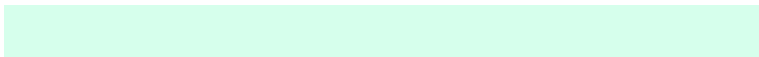
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3441, 94.1797, 75.5746



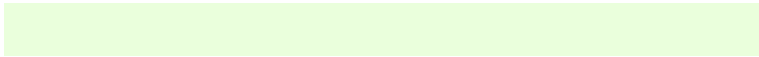
82.6100, 94.1797, 81.5346



79.7971, 94.1797, 93.3832

Triad

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



82.6100, 94.1797, 81.5346



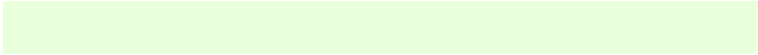
86.2558, 94.1797, 134.2505



100.3123, 94.1797, 96.4042

Complementary

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



82.6100, 94.1797, 81.5346



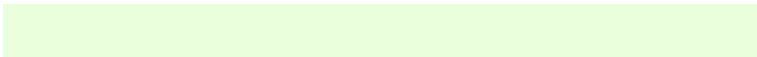
79.9195, 77.1083, 105.2789

Split Complementary

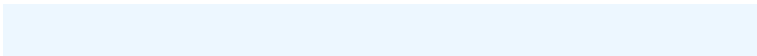
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.9915, 94.1797, 112.2887



82.6100, 94.1797, 81.5346



91.7216, 94.1797, 135.2733

Square

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



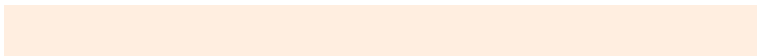
82.6100, 94.1797, 81.5346



81.8416, 94.1797, 124.2224



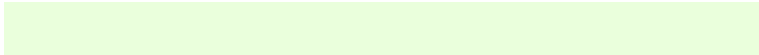
96.7944, 94.1797, 126.8878



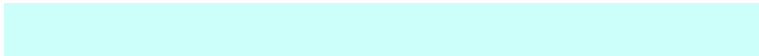
97.6536, 94.1797, 83.5498

Rectangle

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



82.6100, 94.1797, 81.5346



79.3165, 94.1797, 103.5549



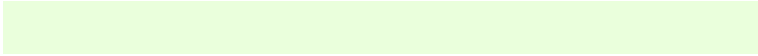
96.7944, 94.1797, 126.8878



100.5522, 94.1797, 101.5430

Sweetspot

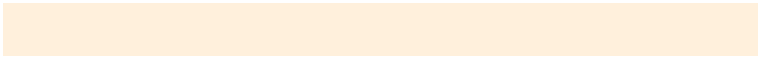
The Sweet Spot groups the original color and five complimentary colors.



82.6107, 94.1801, 81.5360



91.2351, 98.2181, 100.3756



85.4417, 88.9937, 80.3857



19.3783, 20.9527, 21.1523



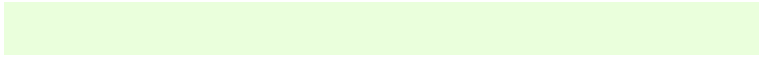
0.0000, 0.0000, 0.0000



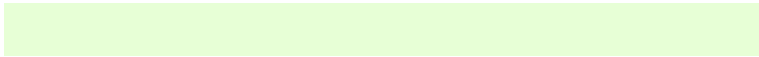
20.3446, 21.4041, 23.3091

Same Dimension

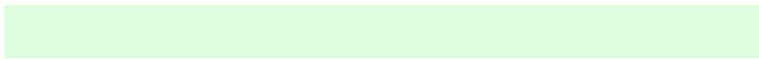
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6107, 94.1801, 81.5360



80.7236, 93.2945, 77.5054



78.5841, 92.0593, 83.3818



18.4592, 20.5226, 19.1327



21.7059, 38.9279, 6.3698



2.2327, 3.8518, 0.6258

Inverse Universe

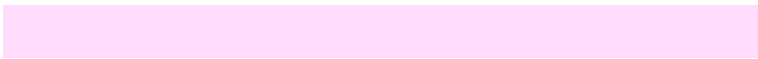
The Inverse Universe completely reimagines the original color for something new.



79.9195, 77.1083, 105.2789



77.6357, 73.7094, 104.7432



84.4176, 79.4810, 103.0569



18.0485, 17.9167, 22.7570



16.4687, 7.4004, 49.9950



1.7269, 0.7842, 4.8736

Previews

White Background



This preview shows how the XYZ color 82.6100, 94.1797, 81.5346 looks on a white background.

Color Contrast Check

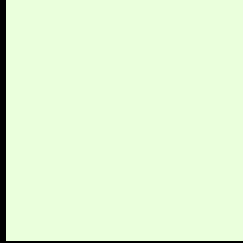
Large Text (above 18pt) WCAG AA × Fail

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 82.6100, 94.1797, 81.5346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

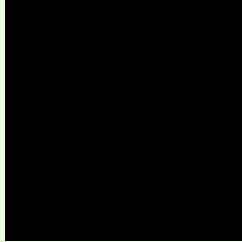
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

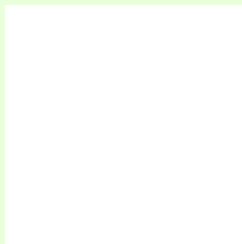
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6100, 94.1797, 81.5346

Background



This preview shows how black text looks on a background with the XYZ color 82.6100, 94.1797, 81.5346.



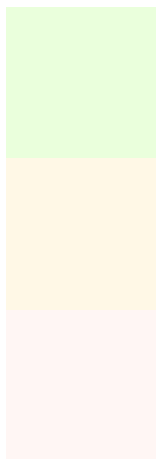
This preview shows how white text looks on a background with the XYZ color 82.6100, 94.1797,

81.5346.

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

82.6100, 94.1797, 81.5346

Protanopia

89.0903, 94.1080, 88.3320

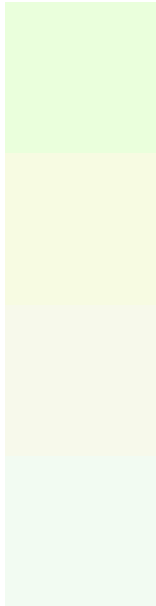
Deuteranopia

90.5249, 93.7032, 98.9033

Tritanopia

89.6234, 93.9476, 108.0178

Trichromacy



Original Color

82.6100, 94.1797, 81.5346

Protanomaly

86.5824, 94.2595, 85.5820

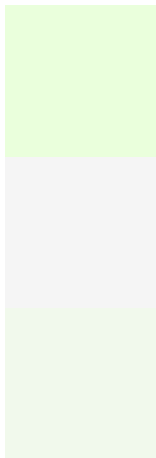
Deuteranomaly

87.2288, 93.5237, 92.0517

Tritanomaly

87.1421, 94.2824, 97.6098

Monochromacy



Original Color

82.6100, 94.1797, 81.5346

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.2916, 92.5083, 92.7174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6100, 94.1797, 81.5346 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(234, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 220)  
}
```

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(234, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 220) }
```

Border

The CSS property to change the border of an element to XYZ 82.6100, 94.1797, 81.5346 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(234, 255, 220) }
```


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

```
.border{ border-color:rgb(234, 255, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6100, 94.1797, 81.5346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 220) }
```

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

```
.background{ background-color: rgb(234,  
255, 220) }
```

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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