

Converting Colors

XYZ(90.2154, 84.5890,
101.2058)

Have a look what the booklet for
XYZ(90.2154, 84.5890, 101.2058)
contains.

| | |
|--|----|
| XYZ(85.2641, 81.9500, 100.9466) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(85.2641, 81.9500,
100.9466)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFE1F9 |
| RGB | 255, 225, 249 |
| RGB Percent | 100%, 88%, 98% |
| CMY | 0.0000, 0.1176, 0.0235 |
| CMYK | 0.00, 0.12, 0.02, 0.00 |
| HSL | 312°, 100%, 94% |
| HSV | 312°, 12%, 100% |
| XYZ | 85.2641, 81.9500, 100.9466 |
| YIQ | 236.7060, 10.1760, 13.8240 |

Conversions

Conversions Part 2

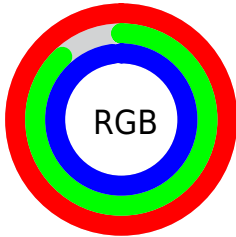
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 225, 249 |
| Decimal | 16769529 |
| CIE Lab | 92.55, 14.32, -7.86 |
| CIE LCh | 93, 16.335, 331.247 |
| Yxy | 81.9500, 0.3180, 0.3056 |
| Android (android.graphics.Color) | 4294959609 (0xFFFFE1F9) |
| YUV | 236.7060, 6.0609, 16.0438 |
| Hunter-Lab | 90.5262, 9.7032, -2.7464 |

Details

The XYZ color **85.2641, 81.9500, 100.9466** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.2376, 93.2983, 89.3313**, and the grayscale version is **80.2213, 84.3991, 91.9106**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2891, 44.6055, 56.5694** is the 20% darker color. If you saturate the color by 10%, you get **78.0943, 68.8658, 94.6862**, and if you desaturate by 10%, it is **93.4887, 97.1083, 107.6674**.

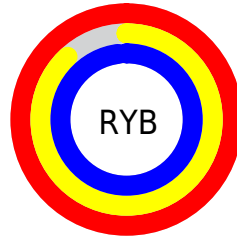
Distribution



Red (100%)

Green (88%)

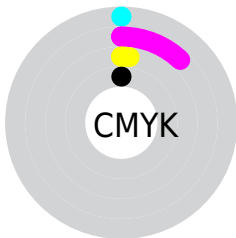
Blue (98%)



Red (100%)

Yellow (88%)

Blue (98%)

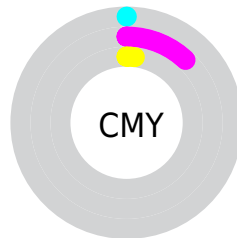


Cyan (0%)

Magenta (12%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2641, 81.9500, 100.9466 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 85.2641, 81.9500, 100.9466 by changing the saturation by 10% instead.

85.2641, 81.9500,
100.9466

85.2641, 81.9500,
100.9466

500.9721,
501.4804, 584.4959

64.3828, 61.3243,
76.4700

139.6542,
136.1039, 164.5206

47.2237, 44.4870,
56.3091

173.8938,
170.4009, 204.4552

33.4212, 31.0535,
40.0451

213.3169,
210.0238, 250.3795

22.6101, 20.6396,
27.2597

258.2888,
255.3569, 302.7120

14.4250, 12.8608,
17.5342

309.1749,
306.7848, 361.8714

8.5005, 7.3328,
10.4501

366.3406,

4.4713, 3.6711,

364.6917, 428.2762

5.5889

430.1512,
429.4622, 502.3448

■ 1.9721, 1.4913,
2.5321

■ 0.6182, 0.2826,
0.8571

■ 85.2641, 81.9500,
100.9466

■ 85.2641, 81.9500,
100.9466

■ 78.0943, 68.8658,
94.6862

■ 93.4887, 97.1083,
107.6674

■ 71.9280, 57.7547,
88.8649

95.0500, 100.0000,
108.9000

■ 66.7180, 48.5223,
83.4672

■ 62.4111, 41.0624,
78.4746

■ 58.9488, 35.2581,
73.8666

■ 56.2655, 30.9786,
69.6206

■ 54.2857, 28.0733,
65.7105

■ 52.9185, 26.3607,
62.1050

■ 52.1394, 25.6198,
59.3256

Harmonies

Analogous

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



82.1998, 81.9500, 110.7313



85.2641, 81.9500, 100.9466



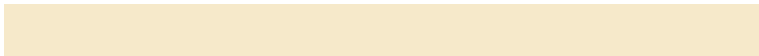
86.3349, 81.9500, 88.7221

Triad

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



85.2641, 81.9500, 100.9466



77.7136, 81.9500, 67.8507



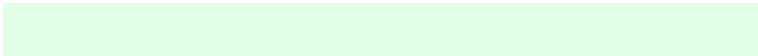
71.1227, 81.9500, 101.9058

Complementary

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



85.2641, 81.9500, 100.9466



81.2376, 93.2983, 89.3313

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.



70.0165, 81.9500, 89.7390



85.2641, 81.9500, 100.9466



73.7355, 81.9500, 70.7088

Square

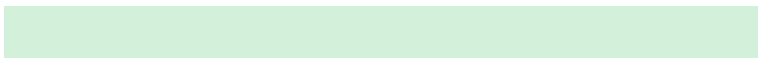
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2641, 81.9500, 100.9466



81.8815, 81.9500, 70.2743



70.9557, 81.9500, 78.4563



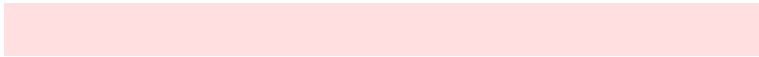
74.0324, 81.9500, 111.3195

Rectangle

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



85.2641, 81.9500, 100.9466



85.7444, 81.9500, 81.0280



70.9557, 81.9500, 78.4563



70.5325, 81.9500, 97.9669

Sweetspot

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



85.2659, 81.9533, 100.9483



91.5552, 93.5332, 106.1234



77.7722, 77.9803, 105.5604



19.4601, 19.7678, 22.6048



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.



85.2659, 81.9533, 100.9483



83.5715, 78.8484, 99.5080



83.0906, 81.0832, 89.4934



18.6278, 18.2344, 21.9231



27.2987, 13.4088, 31.2873



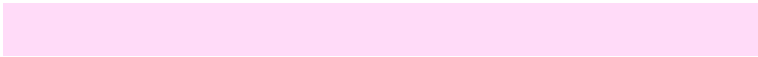
2.6957, 1.3206, 3.2449

Inverse Universe

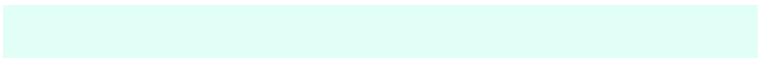
The Inverse Universe completely reimagines the original color for something new.



85.2659, 81.9533, 100.9483



83.5715, 78.8484, 99.5080



83.3714, 94.1518, 100.5674



18.6278, 18.2344, 21.9231



27.2987, 13.4088, 31.2873



2.6957, 1.3206, 3.2449

Previews

White Background



This preview shows how the XYZ color 85.2641, 81.9500, 100.9466 looks on a white background.

Color Contrast Check

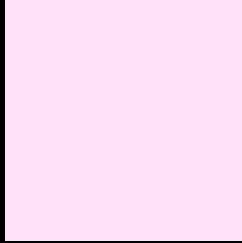
Large Text (above 18pt) WCAG AA × Fail

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 85.2641, 81.9500, 100.9466 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 85.2641, 81.9500, 100.9466

Background



This preview shows how black text looks on a background with the XYZ color 85.2641, 81.9500, 100.9466.



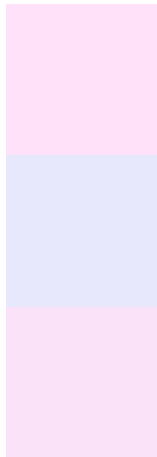
This preview shows how white text looks on a background with the XYZ color 85.2641, 81.9500,

100.9466.

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

85.2641, 81.9500, 100.9466

Protanopia

79.8649, 81.9609, 104.5392

Deuteranopia

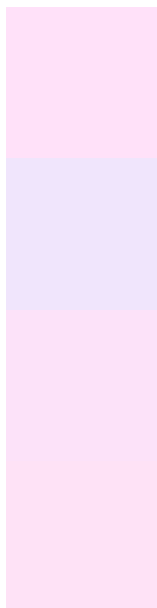
83.9923, 82.1017, 101.0429



Tritanopia

84.3985, 81.9952, 96.9663

Trichromacy



Original Color

85.2641, 81.9500, 100.9466

Protanomaly

81.5252, 81.5922, 103.5475

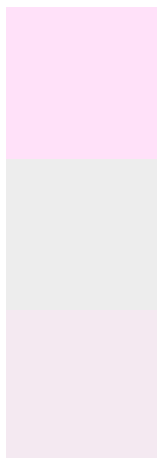
Deuteranomaly

84.4401, 81.9277, 100.9857

Tritanomaly

84.7040, 82.1174, 98.5746

Monochromacy



Original Color

85.2641, 81.9500, 100.9466

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

82.3243, 83.8618, 95.0671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2641, 81.9500, 100.9466 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(255, 225, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 249)  
}
```

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(255, 225, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 249) }
```

Border

The CSS property to change the border of an element to XYZ 85.2641, 81.9500, 100.9466 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(255, 225, 249) }
```


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

```
.border{ border-color:rgb(255, 225, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2641, 81.9500, 100.9466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 249) }
```

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

```
.background{ background-color: rgb(255,  
225, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor