

Converting Colors

XYZ(82.4588, 81.7400, 93.5083)

Have a look what the booklet for
XYZ(82.4588, 81.7400, 93.5083)
contains.

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Color

**XYZ(82.5385, 81.9178,
93.8995)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E4F0
RGB	249, 228, 240
RGB Percent	98%, 89%, 94%
CMY	0.0235, 0.1059, 0.0588
CMYK	0.00, 0.08, 0.04, 0.02
HSL	326°, 64%, 94%
HSV	326°, 8%, 98%
XYZ	82.5385, 81.9178, 93.8995
YIQ	235.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

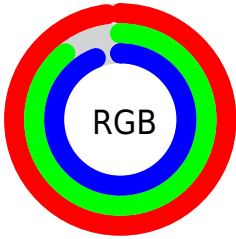
Format	Color
R _Y B	249, 228, 240
Decimal	16377072
CIE Lab	92.54, 9.19, -3.23
CIE LCh	93, 9.741, 340.608
Yxy	81.9178, 0.3195, 0.3171
Android (android.graphics.Color)	4294567152 (0xFF9E4F0)
YUV	235.6470, 2.1460, 11.7106
Hunter-Lab	90.5085, 4.3919, 1.8445

Details

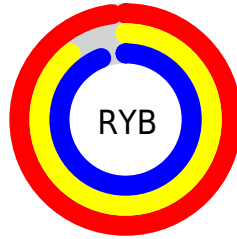
The XYZ color **82.5385, 81.9178, 93.8995** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.1598, 90.3620, 93.2892**, and the grayscale version is **79.4404, 83.5775, 91.0159**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5876, 44.6853, 51.5698** is the 20% darker color. If you saturate the color by 10%, you get **74.6370, 68.5773, 83.6719**, and if you desaturate by 10%, it is **91.5245, 97.2758, 104.9508**.

Distribution



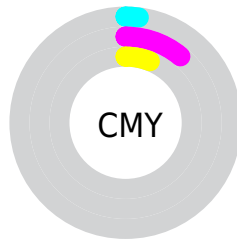
- Red (98%)
- Green (89%)
- Blue (94%)



- Red (98%)
- Yellow (89%)
- Blue (94%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5385, 81.9178, 93.8995 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 82.5385, 81.9178, 93.8995 by changing the saturation by 10% instead.

82.5385, 81.9178,
93.8995

82.5385, 81.9178,
93.8995

492.0544,
501.3727, 561.5299

62.1251, 61.2978,
70.6275

135.8608,
136.0587, 154.7258

45.3898, 44.4655,
51.5583

169.5004,
170.3484, 193.1173

31.9671, 31.0367,
36.2733

208.2795,
209.9635, 237.3856

21.4918, 20.6268,
24.3540

252.5634,
255.2882, 287.9494

13.5985, 12.8515,
15.3818

302.7175,
306.7072, 345.2272

7.9218, 7.3263,
8.9382

359.1071,

4.0963, 3.6670,

364.6046, 409.6375

4.6046

422.0977,
429.3650, 481.5989

■ 1.7568, 1.4891,
1.9626

■ 0.4914, 0.2810,
0.5321

■ 82.5385, 81.9178,
93.8995

■ 82.5385, 81.9178,
93.8995

■ 74.6370, 68.5773,
83.6719

■ 91.5245, 97.2758,
104.9508

■ 67.7694, 57.1589,
74.2403

■ 92.8774, 98.8800,
108.7983

■ 61.8915, 47.5757,
65.5829

■ 56.9528, 39.7296,
57.6746

■ 52.8985, 33.5134,
50.4887

■ 49.6675, 28.8081,
43.9960

■ 47.1905, 25.4780,
38.1643

■ 45.3859, 23.3627,
32.9572

■ 44.1392, 22.2365,
28.3265

Harmonies

Analogous

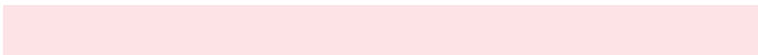
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0689, 81.9178, 100.1919



82.5385, 81.9178, 93.8995



82.7391, 81.9178, 86.6550

Triad

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



82.5385, 81.9178, 93.8995



76.9686, 81.9178, 76.1929



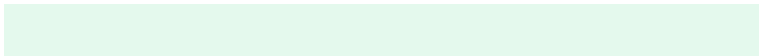
74.2263, 81.9178, 98.5707

Complementary

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



82.5385, 81.9178, 93.8995



81.1598, 90.3620, 93.2892

Split Complementary

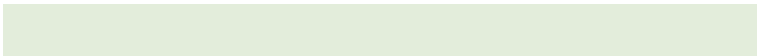
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1774, 81.9178, 91.7832



82.5385, 81.9178, 93.8995



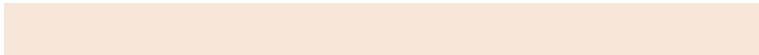
74.7377, 81.9178, 79.0329

Square

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



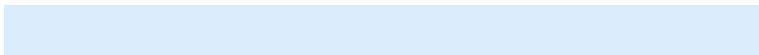
82.5385, 81.9178, 93.8995



79.4864, 81.9178, 76.6911



73.3625, 81.9178, 84.6495



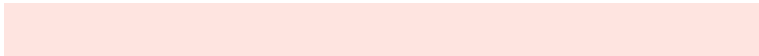
76.2568, 81.9178, 102.9882

Rectangle

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



82.5385, 81.9178, 93.8995



82.1216, 81.9178, 82.2892



73.3625, 81.9178, 84.6495



73.7493, 81.9178, 96.4758

Sweetspot

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



82.5408, 81.9214, 93.9013



92.1344, 95.0064, 105.3457



79.6871, 80.2919, 100.9217



19.5576, 20.0567, 22.3479



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

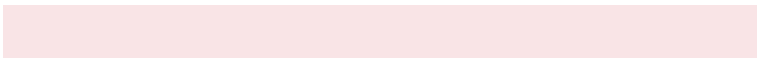
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5408, 81.9214, 93.9013



85.7375, 84.1116, 97.3593



81.0610, 81.3294, 86.1088



17.6602, 17.3914, 20.0664



23.6087, 11.8592, 15.1797



2.2397, 1.1196, 1.6855

Inverse Universe

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



82.5408, 81.9214, 93.9013



85.7375, 84.1116, 97.3593



82.7003, 90.9782, 101.4014



17.6602, 17.3914, 20.0664



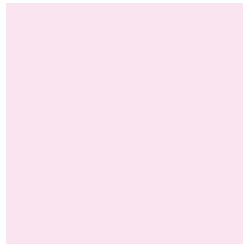
23.6087, 11.8592, 15.1797



2.2397, 1.1196, 1.6855

Previews

White Background



This preview shows how the XYZ color 82.5385, 81.9178, 93.8995 looks on a white background.

Color Contrast Check

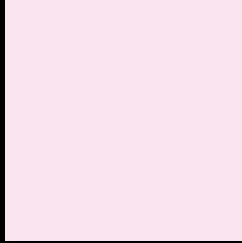
Large Text (above 18pt) WCAG AA × Fail

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 82.5385, 81.9178, 93.8995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

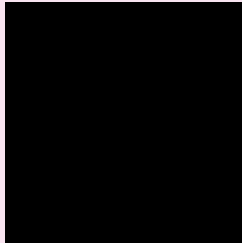
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5385, 81.9178, 93.8995

Background



This preview shows how black text looks on a background with the XYZ color 82.5385, 81.9178, 93.8995.

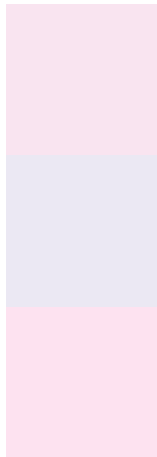


This preview shows how white text looks on a background with the XYZ color 82.5385, 81.9178,

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

82.5385, 81.9178, 93.8995

Protanopia

79.2952, 81.8465, 96.4127

Deuteranopia

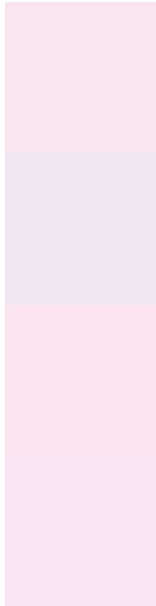
83.4325, 81.5666, 93.7846



Tritanopia

83.3749, 81.8547, 97.7914

Trichromacy



Original Color

82.5385, 81.9178, 93.8995

Protanomaly

80.5381, 82.0879, 95.6041

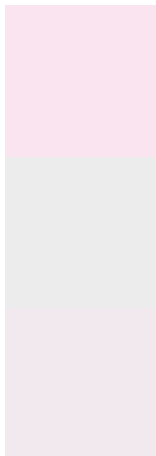
Deuteranomaly

83.3421, 81.9249, 93.8586

Tritanomaly

83.0711, 81.7332, 96.1918

Monochromacy



Original Color

82.5385, 81.9178, 93.8995

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.7006, 83.0930, 91.9059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5385, 81.9178, 93.8995 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(249, 228, 240) looks like.

```
.text, #text, p{  
    color:rgb(249, 228, 240)  
}
```

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(249, 228, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 228, 240) }
```

Border

The CSS property to change the border of an element to XYZ 82.5385, 81.9178, 93.8995 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(249, 228, 240) }
```


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

```
.border{ border-color:rgb(249, 228, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 228, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 228, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 228, 240);  
box-shadow:4px 4px 4px 4px rgb(249, 228,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5385, 81.9178, 93.8995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 228, 240) }
```

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

```
.background{ background-color: rgb(249,  
228, 240) }
```

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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