

Converting Colors

XYZ(84.1394, 80.0115,
105.6049)

Have a look what the booklet for
XYZ(84.1394, 80.0115, 105.6049)
contains.

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Color

**XYZ(84.3162, 80.1580,
105.6358)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDEFF
RGB	252, 222, 255
RGB Percent	99%, 87%, 100%
CMY	0.0118, 0.1294, 0.0000
CMYK	0.01, 0.13, 0.00, 0.00
HSL	295°, 100%, 94%
HSV	295°, 13%, 100%
XYZ	84.3162, 80.1580, 105.6358
YIQ	234.7320, 7.2870, 16.6230

Conversions

Conversions Part 2

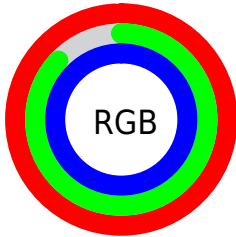
Format	Color
R _Y B	252, 222, 255
Decimal	16572159
CIE _{Lab}	91.76, 15.96, -12.21
CIE _{LCh}	92, 20.095, 322.597
Yxy	80.1580, 0.3122, 0.2968
Android (android.graphics.Color)	4294762239 (0xFFFCDEFF)
YUV	234.7320, 9.9921, 15.1440
Hunter-Lab	89.5310, 11.4239, -7.2834

Details

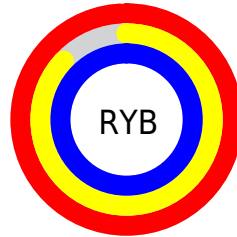
The XYZ color **84.3162, 80.1580, 105.6358** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.9981, 92.8024, 82.8075**, and the grayscale version is **78.6864, 82.7842, 90.1520**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5174, 43.3168, 59.3353** is the 20% darker color. If you saturate the color by 10%, you get **77.2157, 67.1942, 103.5078**, and if you desaturate by 10%, it is **92.4555, 95.1823, 108.1068**.

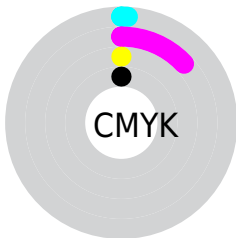
Distribution



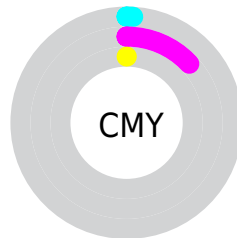
- Red (99%)
- Green (87%)
- Blue (100%)



- Red (99%)
- Yellow (87%)
- Blue (100%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3162, 80.1580, 105.6358 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 84.3162, 80.1580, 105.6358 by changing the saturation by 10% instead.


 84.3162, 80.1580,
105.6358

 84.3162, 80.1580,
105.6358


497.8805,
495.4651, 599.5147

 63.5971, 59.8484,
80.3725


138.3364,
133.5878, 170.9999

 46.5849, 43.2964,
59.4970


172.3682,
167.4769, 211.9378

 32.9142, 30.1178,
42.5907


211.5683,
206.6611, 258.9376

 22.2196, 19.9280,
29.2350

256.3020,
251.5251, 312.4179

 14.1359, 12.3427,
19.0116

306.9347,
302.4530, 372.7972

 8.2976, 6.9775,
11.5018

363.8318,

 4.3393, 3.4481,

359.8294, 440.4941

6.2870

427.3586,
424.0387, 515.9271

■ 1.8958, 1.3699,
2.9488

■ 0.5744, 0.1944,
1.0685

■ 84.3162, 80.1580,
105.6358

■ 84.3162, 80.1580,
105.6358

■ 77.2157, 67.1942,
103.5078

■ 92.4555, 95.1823,
108.1068

■ 71.1015, 56.1890,
101.7058

95.0500, 100.0000,
108.9000

■ 65.9267, 47.0473,
100.2141

■ 61.6374, 39.6616,
99.0145

■ 58.1745, 33.9139,
98.0876

■ 55.4717, 29.6713,
97.4112

■ 53.4521, 26.7803,
96.9596

■ 52.0227, 25.0548,
96.7019

■ 51.2732, 24.3472,
96.6048

Harmonies

Analogous

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



80.0509, 80.1580, 116.1226



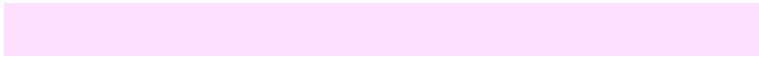
84.3162, 80.1580, 105.6358



86.4207, 80.1580, 90.9787

Triad

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



84.3162, 80.1580, 105.6358



77.4691, 80.1580, 62.0987



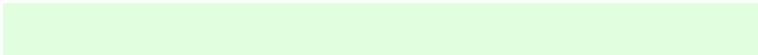
67.4180, 80.1580, 98.6188

Complementary

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



84.3162, 80.1580, 105.6358



79.9981, 92.8024, 82.8075

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.



66.7962, 80.1580, 83.6799



84.3162, 80.1580, 105.6358



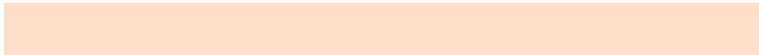
72.4509, 80.1580, 63.6561

Square

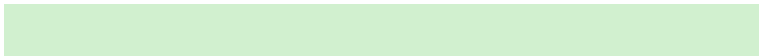
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3162, 80.1580, 105.6358



82.3536, 80.1580, 66.6589



68.5993, 80.1580, 71.1814



70.3377, 80.1580, 111.7639

Rectangle

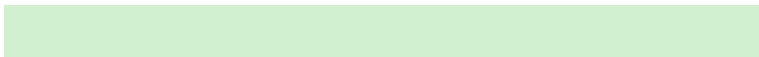
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.3162, 80.1580, 105.6358



86.2516, 80.1580, 81.2467



68.5993, 80.1580, 71.1814



66.9389, 80.1580, 93.6016

Sweetspot

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



84.3184, 80.1614, 105.6364



91.5418, 93.4885, 107.8281



75.1837, 76.7660, 105.4625



19.4566, 19.7565, 23.0379



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.



84.3184, 80.1614, 105.6364



82.0364, 75.9781, 104.9492



83.3601, 79.9045, 94.8783



18.6203, 18.2115, 22.7837



26.8585, 12.7565, 50.4812



2.6607, 1.2656, 4.9173

Inverse Universe

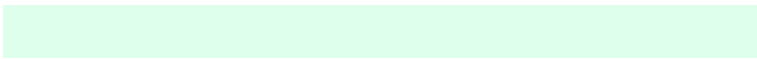
The Inverse Universe completely reimagines the original color for something new.



80.9539, 78.9420, 82.2075



77.9800, 74.5115, 76.5383



80.9108, 93.0604, 92.4494



18.0764, 18.0139, 19.0194



21.6530, 11.1505, 1.5570



2.1299, 1.0943, 0.2653

Previews

White Background



This preview shows how the XYZ color 84.3162, 80.1580, 105.6358 looks on a white background.

Color Contrast Check

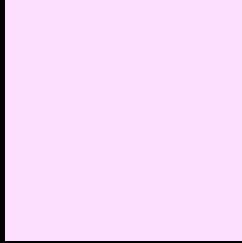
Large Text (above 18pt) WCAG AA × Fail

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 84.3162, 80.1580, 105.6358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

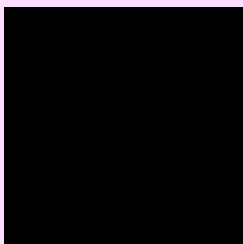
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3162, 80.1580, 105.6358

Background



This preview shows how black text looks on a background with the XYZ color 84.3162, 80.1580, 105.6358.



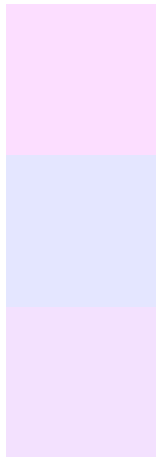
This preview shows how white text looks on a background with the XYZ color 84.3162, 80.1580,

105.6358.

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

84.3162, 80.1580, 105.6358

Protanopia

78.3417, 80.3076, 105.9796

Deuteranopia

81.7768, 80.0609, 104.9091



Tritanopia

82.1070, 80.0461, 95.1273

Trichromacy



Original Color

84.3162, 80.1580, 105.6358

Protanomaly

80.4441, 80.1627, 105.8408

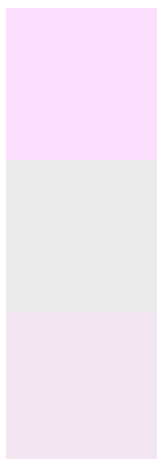
Deuteranomaly

82.5511, 80.0599, 104.8681

Tritanomaly

82.9598, 80.0000, 99.0648

Monochromacy



Original Color

84.3162, 80.1580, 105.6358

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.5995, 81.7052, 95.5270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3162, 80.1580, 105.6358 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(252, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 222, 255)  
}
```

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(252, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.3162, 80.1580, 105.6358 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(252, 222, 255) }
```


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

```
.border{ border-color:rgb(252, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3162, 80.1580, 105.6358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 222, 255) }
```

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

```
.background{ background-color: rgb(252,  
222, 255) }
```

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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