

Converting Colors

XYZ(80.6043, 76.2065,
105.0688)

Have a look what the booklet for
XYZ(80.6043, 76.2065, 105.0688)
contains.

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Color

**XYZ(80.5190, 76.2582,
105.0832)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D9FF
RGB	245, 217, 255
RGB Percent	96%, 85%, 100%
CMY	0.0392, 0.1490, 0.0000
CMYK	0.04, 0.15, 0.00, 0.00
HSL	284°, 100%, 93%
HSV	284°, 15%, 100%
XYZ	80.5190, 76.2582, 105.0832
YIQ	229.7040, 4.4900, 17.7540

Conversions

Conversions Part 2

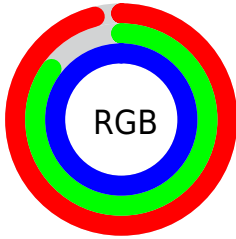
Format	Color
R _Y B	245, 217, 255
Decimal	16112127
CIE _{Lab}	89.98, 16.30, -14.92
CIE _{LCh}	90, 22.098, 317.521
Y _{xy}	76.2582, 0.3075, 0.2912
Android (android.graphics.Color)	4294302207 (0xFFFF5D9FF)
YUV	229.7040, 12.4709, 13.4146
Hunter-Lab	87.3259, 11.7658, -10.2181

Details

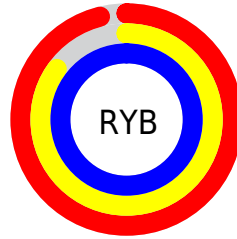
The XYZ color **80.5190, 76.2582, 105.0832** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.9649, 92.8616, 79.3589**, and the grayscale version is **74.9054, 78.8063, 85.8200**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0996, 40.7367, 58.9647** is the 20% darker color. If you saturate the color by 10%, you get **72.1490, 62.9301, 102.9518**, and if you desaturate by 10%, it is **89.9935, 91.6674, 107.5582**.

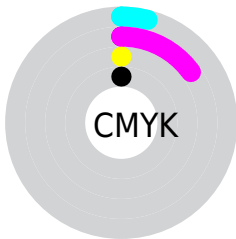
Distribution



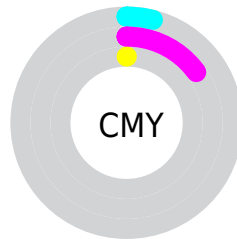
- Red (96%)
- Green (85%)
- Blue (100%)



- Red (96%)
- Yellow (85%)
- Blue (100%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.5190, 76.2582, 105.0832 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 80.5190, 76.2582, 105.0832 by changing the saturation by 10% instead.

80.5190, 76.2582,
105.0832

80.5190, 76.2582,
105.0832

485.3901,
482.2311, 597.7551

60.4555, 56.6443,
79.9120

133.0419,
128.0918, 170.2379

44.0367, 40.7197,
59.1202

166.2319,
161.0803, 211.0584

30.8974, 28.1001,
42.2892

204.5282,
199.2957, 257.9325

20.6722, 18.4011,
29.0006

248.2960,
243.1225, 311.2787

12.9957, 11.2384,
18.8357

297.9008,
292.9450, 371.5156

7.5026, 6.2274,
11.3760

353.7078,

3.8274, 2.9838,

349.1477, 439.0615

6.2030

416.0825,
412.1149, 514.3352

■ 1.6050, 1.1233,
2.8981

■ 0.3957, 0.0000,
1.0429

■ 80.5190, 76.2582,
105.0832

■ 80.5190, 76.2582,
105.0832

■ 72.1490, 62.9301,
102.9518

■ 89.9935, 91.6674,
107.5582

■ 64.8301, 51.5802,
101.1468

95.0500, 100.0000,
108.9000

■ 58.5131, 42.1110,
99.6520

■ 53.1427, 34.4129,
98.4492

■ 48.6576, 28.3646,
97.5181

■ 44.9887, 23.8295,
96.8361

■ 42.0557, 20.6485,
96.3767

■ 39.7601, 18.6257,
96.1073

■ 38.7634, 17.8982,
96.0194

Harmonies

Analogous

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



75.6941, 76.2582, 115.2001



80.5190, 76.2582, 105.0832



83.2441, 76.2582, 89.7135

Triad

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



80.5190, 76.2582, 105.0832



74.7780, 76.2582, 56.9554



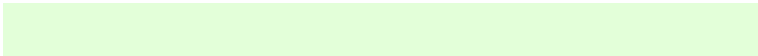
62.9059, 76.2582, 92.4354

Complementary

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



80.5190, 76.2582, 105.0832



79.9649, 92.8616, 79.3589

Split Complementary

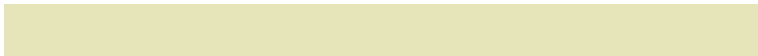
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.6883, 76.2582, 76.6911



80.5190, 76.2582, 105.0832



69.3604, 76.2582, 57.4904

Square

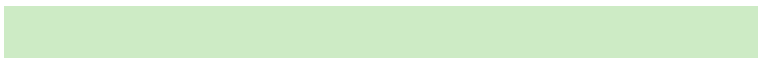
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



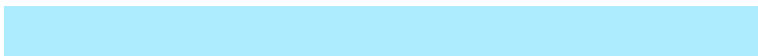
80.5190, 76.2582, 105.0832



79.8193, 76.2582, 62.7372



64.9968, 76.2582, 64.3043



65.6071, 76.2582, 107.2906

Rectangle

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



80.5190, 76.2582, 105.0832



83.4176, 76.2582, 79.1515



64.9968, 76.2582, 64.3043



62.5450, 76.2582, 87.0377

Sweetspot

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



80.5211, 76.2614, 105.0837



90.9013, 93.1583, 107.7981



74.1736, 76.9860, 105.5581



19.2940, 19.6727, 23.0302



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.



80.5211, 76.2614, 105.0837



77.8100, 71.9107, 104.3869



82.7095, 77.5507, 97.9067



18.2988, 18.0458, 22.7687



20.4028, 9.4285, 50.1791



2.0894, 0.9710, 4.8906

Inverse Universe

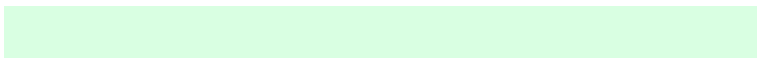
The Inverse Universe completely reimagines the original color for something new.



79.9200, 76.4349, 83.2171



77.1400, 72.1400, 78.3902



78.0867, 91.7565, 85.4539



18.2056, 18.0655, 19.6998



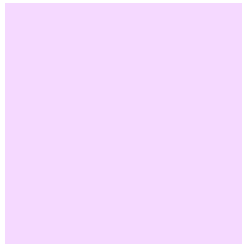
22.1316, 11.3419, 4.0776



2.1976, 1.1214, 0.6218

Previews

White Background



This preview shows how the XYZ color 80.5190, 76.2582, 105.0832 looks on a white background.

Color Contrast Check

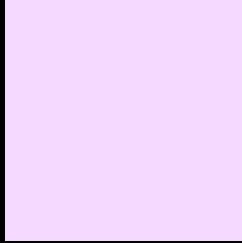
Large Text (above 18pt) WCAG AA × Fail

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 80.5190, 76.2582, 105.0832 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 80.5190, 76.2582, 105.0832

Background



This preview shows how black text looks on a background with the XYZ color 80.5190, 76.2582, 105.0832.

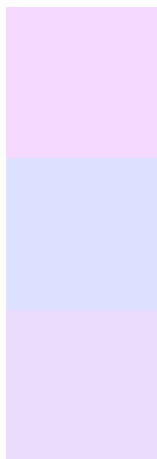


This preview shows how white text looks on a background with the XYZ color 80.5190, 76.2582,

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

80.5190, 76.2582, 105.0832

Protanopia

74.7940, 76.4426, 105.4206

Deuteranopia

77.7435, 76.0043, 104.3387



Tritanopia

77.4972, 76.1781, 90.7401

Trichromacy



Original Color

80.5190, 76.2582, 105.0832

Protanomaly

76.8044, 76.2855, 105.2843

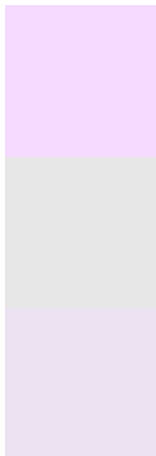
Deuteranomaly

78.8175, 76.1695, 104.3140

Tritanomaly

78.6228, 76.2494, 96.1617

Monochromacy



Original Color

80.5190, 76.2582, 105.0832

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.7662, 77.7446, 92.6216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5190, 76.2582, 105.0832 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(245, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 217, 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(245, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 80.5190, 76.2582, 105.0832 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(245, 217, 255) }
```


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

```
.border{ border-color:rgb(245, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5190, 76.2582, 105.0832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 217, 255) }
```

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

```
.background{ background-color: rgb(245,  
217, 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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