

Converting Colors

XYZ(83.6843, 78.2106,
105.2933)

Have a look what the booklet for
XYZ(83.6843, 78.2106, 105.2933)
contains.

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Color

**XYZ(83.6294, 78.2455,
105.3029)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDAFF
RGB	253, 218, 255
RGB Percent	99%, 85%, 100%
CMY	0.0078, 0.1451, 0.0000
CMYK	0.01, 0.15, 0.00, 0.00
HSL	297°, 100%, 93%
HSV	297°, 15%, 100%
XYZ	83.6294, 78.2455, 105.3029
YIQ	232.6830, 8.9830, 18.9270

Conversions

Conversions Part 2

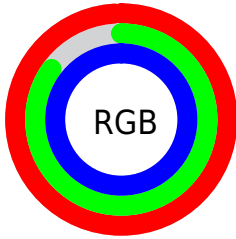
Format	Color
R _Y B	253, 218, 255
Decimal	16636671
CIE Lab	90.89, 18.38, -13.49
CIE LCh	91, 22.796, 323.727
Yxy	78.2455, 0.3130, 0.2929
Android (android.graphics.Color)	4294826751 (0xFFFDDAFF)
YUV	232.6830, 11.0023, 17.8180
Hunter-Lab	88.4565, 13.9604, -8.6622

Details

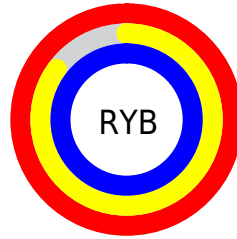
The XYZ color **83.6294, 78.2455, 105.3029** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.9322, 91.7986, 79.9451**, and the grayscale version is **77.1309, 81.1478, 88.3699**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0552, 42.0074, 59.1069** is the 20% darker color. If you saturate the color by 10%, you get **77.0198, 65.7671, 103.2427**, and if you desaturate by 10%, it is **91.2641, 92.7668, 107.7034**.

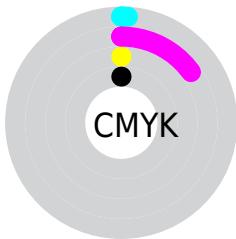
Distribution



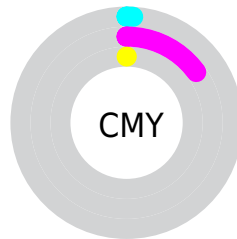
- Red (99%)
- Green (85%)
- Blue (100%)



- Red (99%)
- Yellow (85%)
- Blue (100%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.6294, 78.2455, 105.3029 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 83.6294, 78.2455, 105.3029 by changing the saturation by 10% instead.


 83.6294, 78.2455,
105.3029

 83.6294, 78.2455,
105.3029


495.6340,
489.0002, 598.4550

 63.0282, 58.2757,
80.0951


137.3806,
130.8961, 170.5409

 46.1227, 42.0303,
59.2700

171.2613,
164.3457, 211.4081

 32.5477, 29.1250,
42.4090


210.2992,
203.0574, 258.3322

 21.9378, 19.1754,
29.0937

254.8596,
247.4155, 311.7318

 13.9275, 11.7971,
18.9056

305.3079,
297.8044, 372.0253

 8.1516, 6.6057,
11.4259

362.0096,

 4.2448, 3.2167,

354.6086, 439.6313

6.2363

425.3298,
418.2124, 514.9684

■ 1.8415, 1.2459,
2.9182

■ 0.5425, 0.0987,
1.0530

■ 83.6294, 78.2455,
105.3029

■ 83.6294, 78.2455,
105.3029

■ 77.0198, 65.7671,
103.2427

■ 91.2641, 92.7668,
107.7034

■ 71.3825, 55.2292,
101.5058

95.0500, 100.0000,
108.9000

■ 66.6699, 46.5350,
100.0760

■ 62.8274, 39.5758,
98.9353

■ 59.7950, 34.2314,
98.0635

■ 57.5049, 30.3664,
97.4382

■ 55.8784, 27.8231,
97.0330

■ 54.8187, 26.4082,
96.8158

■ 54.4024, 25.9603,
96.7513

Harmonies

Analogous

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



78.9008, 78.2455, 117.5399



83.6294, 78.2455, 105.3029



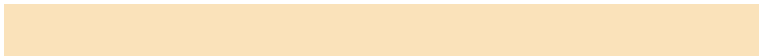
85.8914, 78.2455, 88.6976

Triad

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



83.6294, 78.2455, 105.3029



75.5828, 78.2455, 57.4760



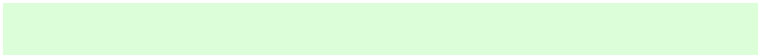
64.7149, 78.2455, 98.5607

Complementary

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



83.6294, 78.2455, 105.3029



77.9322, 91.7986, 79.9451

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.



63.9279, 78.2455, 81.7879



83.6294, 78.2455, 105.3029



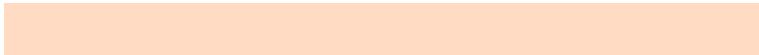
70.0161, 78.2455, 59.4071

Square

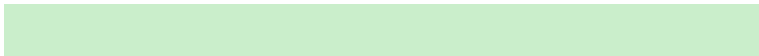
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.6294, 78.2455, 105.3029



81.0942, 78.2455, 62.1653



65.8206, 78.2455, 67.8269



68.0282, 78.2455, 113.3103

Rectangle

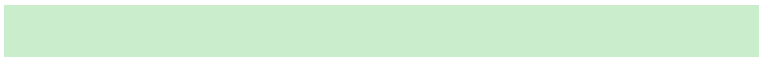
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.6294, 78.2455, 105.3029



85.6174, 78.2455, 77.9122



65.8206, 78.2455, 67.8269



64.1535, 78.2455, 92.9203

Sweetspot

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



83.6315, 78.2488, 105.3034



91.6795, 93.5595, 107.8345



72.6825, 73.5609, 104.9756



19.4916, 19.7745, 23.0395



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.



83.6315, 78.2488, 105.3034



81.8898, 74.9507, 104.7586



81.8884, 77.6360, 92.3068



18.6900, 18.2474, 22.7870



28.4685, 13.5865, 50.5566



2.8003, 1.3375, 4.9238

Inverse Universe

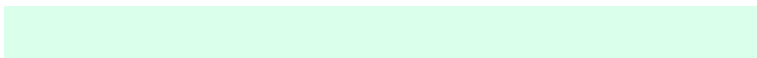
The Inverse Universe completely reimagines the original color for something new.



79.2318, 76.5734, 78.3173



76.8326, 73.0268, 73.6589



79.5318, 92.3690, 91.5067



18.0491, 18.0030, 18.8760



21.6054, 11.1314, 1.3065



2.1170, 1.0892, 0.1975

Previews

White Background



This preview shows how the XYZ color 83.6294, 78.2455, 105.3029 looks on a white background.

Color Contrast Check

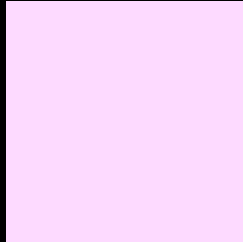
Large Text (above 18pt) WCAG AA × Fail

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 83.6294, 78.2455, 105.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

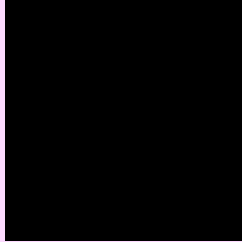
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.6294, 78.2455, 105.3029

Background



This preview shows how black text looks on a background with the XYZ color 83.6294, 78.2455, 105.3029.

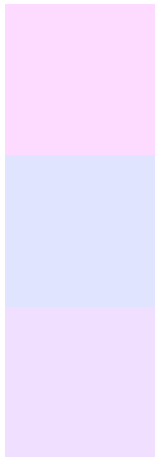


This preview shows how white text looks on a background with the XYZ color 83.6294, 78.2455,

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

83.6294, 78.2455, 105.3029

Protanopia

76.8447, 78.7144, 105.7510

Deuteranopia

80.2122, 78.4564, 104.6819



Tritanopia

81.0727, 78.3952, 91.7477

Trichromacy



Original Color

83.6294, 78.2455, 105.3029

Protanomaly

78.9666, 78.1935, 105.5386

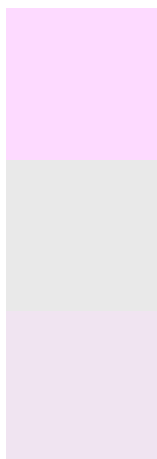
Deuteranomaly

81.4020, 78.2811, 104.5854

Tritanomaly

82.0672, 78.4135, 96.3979

Monochromacy



Original Color

83.6294, 78.2455, 105.3029

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.5558, 80.3629, 94.5376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.6294, 78.2455, 105.3029 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(253, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 218, 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(253, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 218, 255) }
```

Border

The CSS property to change the border of an element to XYZ 83.6294, 78.2455, 105.3029 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(253, 218, 255) }
```


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

```
.border{ border-color:rgb(253, 218, 255) }
```

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

Here you see how a box with a 4 pixel rgb(253, 218, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 218,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 83.6294, 78.2455, 105.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 218, 255) }
```

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

```
.background{ background-color: rgb(253,  
218, 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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