

Converting Colors

XYZ(83.5200, 79.6884,
105.5872)

Have a look what the booklet for
XYZ(83.5200, 79.6884, 105.5872)
contains.

XYZ(83.5956, 79.7865, 105.6021)	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(83.5956, 79.7865,
105.6021)**

Conversions

Conversions Part 1

Format	Color
Hex	FADEFF
RGB	250, 222, 255
RGB Percent	98%, 87%, 100%
CMY	0.0196, 0.1294, 0.0000
CMYK	0.02, 0.13, 0.00, 0.00
HSL	291°, 100%, 94%
HSV	291°, 13%, 100%
XYZ	83.5956, 79.7865, 105.6021
YIQ	234.1340, 6.0950, 16.1990

Conversions

Conversions Part 2

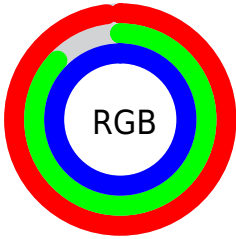
Format	Color
R _{YB}	250, 222, 255
Decimal	16441087
CIE _{Lab}	91.59, 15.31, -12.47
CIE _{LCh}	92, 19.747, 320.830
Yxy	79.7865, 0.3108, 0.2966
Android (android.graphics.Color)	4294631167 (0xFFFADEFF)
YUV	234.1340, 10.2869, 13.9145
Hunter-Lab	89.3233, 10.7383, -7.5691

Details

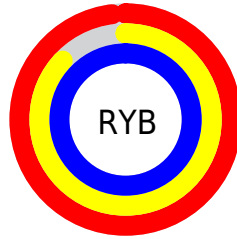
The XYZ color **83.5956, 79.7865, 105.6021** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.6253, 93.1257, 82.8368**, and the grayscale version is **78.2314, 82.3055, 89.6307**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0041, 43.0521, 59.3113** is the 20% darker color. If you saturate the color by 10%, you get **75.9589, 66.5463, 103.4490**, and if you desaturate by 10%, it is **92.2891, 95.0965, 108.0990**.

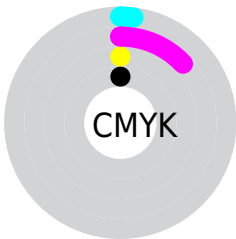
Distribution



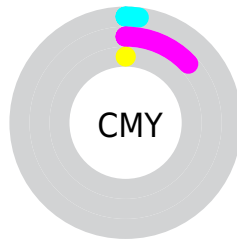
- Red (98%)
- Green (87%)
- Blue (100%)



- Red (98%)
- Yellow (87%)
- Blue (100%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.5956, 79.7865, 105.6021 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 83.5956, 79.7865, 105.6021 by changing the saturation by 10% instead.


 83.5956, 79.7865,
105.6021

 83.5956, 79.7865,
105.6021

495.5233,
494.2130, 599.4075

 63.0002, 59.5427,
80.3444


137.3335,
133.0655, 170.9535

 46.1000, 43.0501,
59.4740


171.2068,
166.8695, 211.8842

 32.5297, 29.9244,
42.5723


210.2367,
205.9623, 258.8764

 21.9239, 19.7812,
29.2207

254.7885,
250.7284, 312.3485

 13.9173, 12.2361,
19.0009

305.2278,
301.5521, 372.7191

 8.1445, 6.9047,
11.4941

361.9198,

 4.2401, 3.4026,

358.8179, 440.4068

6.2819

425.2298,
422.9100, 515.8301

■ 1.8389, 1.3453,
2.9457

■ 0.5409, 0.1759,
1.0670

■ 83.5956, 79.7865,
105.6021

■ 83.5956, 79.7865,
105.6021

■ 75.9589, 66.5463,
103.4490

■ 92.2891, 95.0965,
108.0990

■ 69.3267, 55.2740,
101.6228

95.0500, 100.0000,
108.9000

■ 63.6516, 45.8744,
100.1076

■ 58.8797, 38.2400,
98.8855

■ 54.9519, 32.2525,
97.9368

■ 51.8016, 27.7793,
97.2394

■ 49.3519, 24.6666,
96.7677

■ 47.5095, 22.7281,
96.4907

■ 46.4786, 21.8755,
96.3804

Harmonies

Analogous

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



79.3318, 79.7865, 115.4696



83.5956, 79.7865, 105.6021



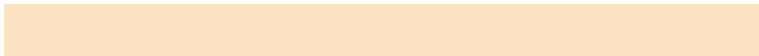
85.8058, 79.7865, 91.3708

Triad

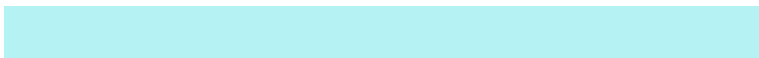
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.5956, 79.7865, 105.6021



77.3890, 79.7865, 62.2625



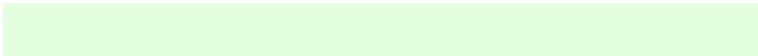
67.1361, 79.7865, 97.1175

Complementary

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



83.5956, 79.7865, 105.6021



80.6253, 93.1257, 82.8368

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.



66.6676, 79.7865, 82.5271



83.5956, 79.7865, 105.6021



72.4418, 79.7865, 63.4380

Square

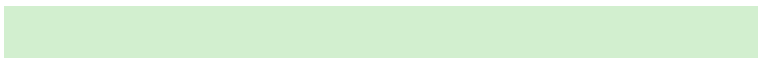
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5956, 79.7865, 105.6021



82.1194, 79.7865, 67.0914



68.5696, 79.7865, 70.5022



69.8791, 79.7865, 110.2067

Rectangle

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



83.5956, 79.7865, 105.6021



85.7529, 79.7865, 81.7647



68.5696, 79.7865, 70.5022



66.7123, 79.7865, 92.1917

Sweetspot

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



83.5977, 79.7898, 105.6026



91.3157, 93.3720, 107.8175



75.7832, 77.9651, 105.6623



19.3992, 19.7269, 23.0352



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.



83.5977, 79.7898, 105.6026



81.1498, 75.5210, 104.9077



83.6922, 80.0373, 96.6271



18.5064, 18.1528, 22.7784



24.3884, 11.4832, 50.3656



2.4446, 1.1542, 4.9072

Inverse Universe

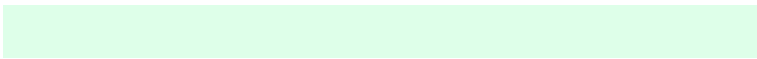
The Inverse Universe completely reimagines the original color for something new.



81.2284, 79.0518, 83.6531



78.3060, 74.6419, 78.2549



80.5944, 92.9339, 90.7838



18.1215, 18.0319, 19.2570



21.7702, 11.1974, 2.1745



2.1510, 1.1028, 0.3768

Previews

White Background



This preview shows how the XYZ color 83.5956, 79.7865, 105.6021 looks on a white background.

Color Contrast Check

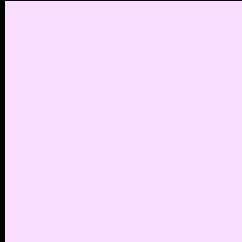
Large Text (above 18pt) WCAG AA × Fail

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 83.5956, 79.7865, 105.6021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

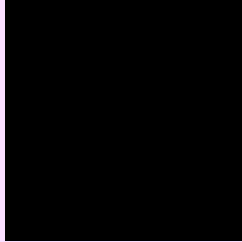
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.5956, 79.7865, 105.6021

Background



This preview shows how black text looks on a background with the XYZ color 83.5956, 79.7865, 105.6021.



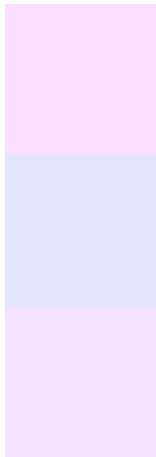
This preview shows how white text looks on a background with the XYZ color 83.5956, 79.7865,

105.6021.

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

83.5956, 79.7865, 105.6021

Protanopia

78.0254, 80.1445, 105.9648

Deuteranopia

81.7768, 80.0609, 104.9091



Tritanopia

81.3941, 79.6786, 95.0940

Trichromacy



Original Color

83.5956, 79.7865, 105.6021

Protanomaly

79.7800, 79.8203, 105.8097

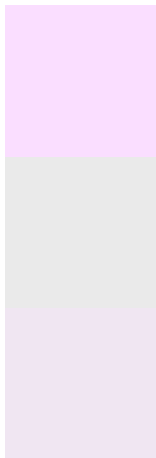
Deuteranomaly

82.5511, 80.0599, 104.8681

Tritanomaly

82.2431, 79.6305, 99.0312

Monochromacy



Original Color

83.5956, 79.7865, 105.6021

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

80.2590, 81.5297, 95.5111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5956, 79.7865, 105.6021 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(250, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 83.5956, 79.7865, 105.6021 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(250, 222, 255) }
```


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

```
.border{ border-color:rgb(250, 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(250, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5956, 79.7865, 105.6021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 222, 255) }
```

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

```
.background{ background-color: rgb(250,  
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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