

Converting Colors

XYZ(83.5744, 79.9241, 96.2104)

Have a look what the booklet for
XYZ(83.5744, 79.9241, 96.2104)
contains.

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Color

**XYZ(83.5389, 79.9736,
95.8275)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEF3
RGB	255, 222, 243
RGB Percent	100%, 87%, 95%
CMY	0.0000, 0.1294, 0.0471
CMYK	0.00, 0.13, 0.05, 0.00
HSL	322°, 100%, 94%
HSV	322°, 13%, 100%
XYZ	83.5389, 79.9736, 95.8275
YIQ	234.2610, 12.9270, 13.5270

Conversions

Conversions Part 2

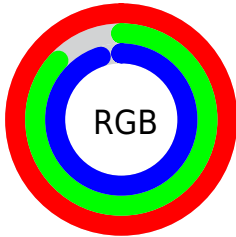
Format	Color
R_{YB}	255, 222, 243
Decimal	16768755
CIE _{Lab}	91.67, 14.84, -6.02
CIE _{LCh}	92, 16.013, 337.915
Yxy	79.9736, 0.3221, 0.3084
Android (android.graphics.Color)	4294958835 (0xFFFFDEF3)
YUV	234.2610, 4.3083, 18.1881
Hunter-Lab	89.4280, 10.2464, -0.9333

Details

The XYZ color **83.5389, 79.9736, 95.8275** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7379, 92.9913, 91.5390**, and the grayscale version is **78.3676, 82.4488, 89.7867**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0771, 43.2311, 52.9296** is the 20% darker color. If you saturate the color by 10%, you get **75.9065, 66.8934, 86.5484**, and if you desaturate by 10%, it is **92.2700, 95.1371, 105.8240**.

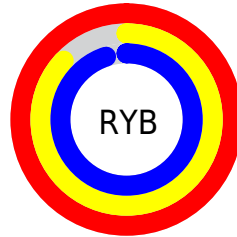
Distribution



Red (100%)

Green (87%)

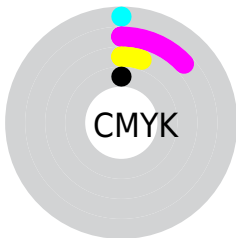
Blue (95%)



Red (100%)

Yellow (87%)

Blue (95%)

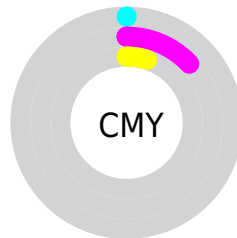


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.5389, 79.9736, 95.8275 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 83.5389, 79.9736, 95.8275 by changing the saturation by 10% instead.


 83.5389, 79.9736,
95.8275

 83.5389, 79.9736,
95.8275


495.3376,
494.8439, 567.8626

 62.9532, 59.6966,
72.2232

137.2546,
133.3286, 157.4127

 46.0619, 43.1742,
52.8531

171.1153,
167.1754, 196.2308

 32.4995, 30.0218,
37.2986


210.1318,
206.3144, 240.9571

 21.9007, 19.8551,
25.1412

254.6693,
251.1297, 292.0103

 13.9001, 12.2898,
15.9623

305.0933,
302.0060, 349.8089

 8.1325, 6.9413,
9.3434

361.7692,

 4.2324, 3.4254,

359.3275, 414.7715

4.8660

425.0621,
423.4787, 487.3165

■ 1.8344, 1.3577,
2.1115

■ 0.5383, 0.1852,
0.6226

■ 83.5389, 79.9736,
95.8275

■ 83.5389, 79.9736,
95.8275

■ 75.9065, 66.8934,
86.5484

■ 92.2700, 95.1371,
105.8240

■ 69.3204, 55.7946,
77.9608

95.0500, 100.0000,
108.9000

■ 63.7320, 46.5814,
70.0445

■ 59.0866, 39.1462,
62.7760

■ 55.3241, 33.3702,
56.1296

■ 52.3769, 29.1204,
50.0773

■ 50.1672, 26.2427,
44.5874

■ 48.6005, 24.5504,
39.6225

■ 47.7854, 23.8782,
36.3976

Harmonies

Analogous

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



80.9507, 79.9736, 106.0921



83.5389, 79.9736, 95.8275



84.0750, 79.9736, 84.0113

Triad

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



83.5389, 79.9736, 95.8275



74.9341, 79.9736, 66.6113



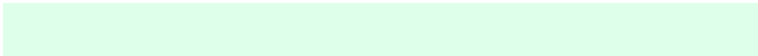
69.9726, 79.9736, 101.6714

Complementary

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



83.5389, 79.9736, 95.8275



80.7379, 92.9913, 91.5390

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.



68.4827, 79.9736, 90.2178



83.5389, 79.9736, 95.8275



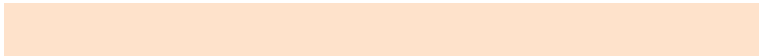
71.2794, 79.9736, 70.4827

Square

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



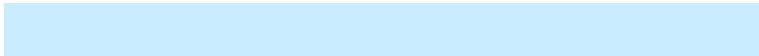
83.5389, 79.9736, 95.8275



79.0093, 79.9736, 67.8218



68.9523, 79.9736, 78.8773



73.0925, 79.9736, 109.6714

Rectangle

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



83.5389, 79.9736, 95.8275



83.1792, 79.9736, 76.9485



68.9523, 79.9736, 78.8773



69.2698, 79.9736, 98.0589

Sweetspot

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



83.5407, 79.9769, 95.8292



91.2904, 93.4272, 104.7290



77.9582, 76.8827, 105.3387



19.3929, 19.7410, 22.2512



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.



83.5407, 79.9769, 95.8292



81.0896, 75.7554, 92.9133



81.2218, 79.0493, 83.6177



18.4959, 18.1817, 21.2287



25.0431, 12.5065, 19.4093



2.4908, 1.2387, 2.1662

Inverse Universe

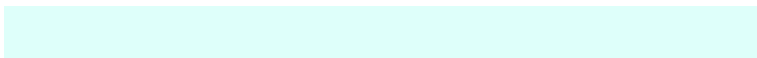
The Inverse Universe completely reimagines the original color for something new.



83.5407, 79.9769, 95.8292



81.0896, 75.7554, 92.9133



83.1493, 93.9559, 104.2372



18.4959, 18.1817, 21.2287



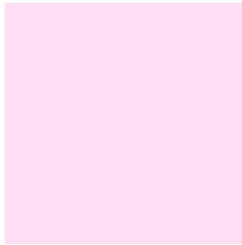
25.0431, 12.5065, 19.4093



2.4908, 1.2387, 2.1662

Previews

White Background



This preview shows how the XYZ color 83.5389, 79.9736, 95.8275 looks on a white background.

Color Contrast Check

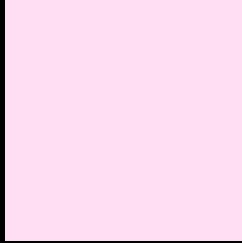
Large Text (above 18pt) WCAG AA × Fail

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 83.5389, 79.9736, 95.8275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

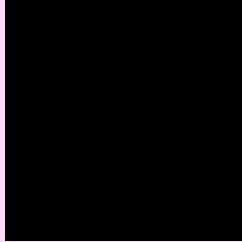
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.5389, 79.9736, 95.8275

Background



This preview shows how black text looks on a background with the XYZ color 83.5389, 79.9736, 95.8275.



This preview shows how white text looks on a background with the XYZ color 83.5389, 79.9736,

95.8275.

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

83.5389, 79.9736, 95.8275

Protanopia

78.1951, 80.3599, 100.1966

Deuteranopia

81.9002, 79.9221, 95.9039



Tritanopia

83.3559, 80.3266, 93.5493

Trichromacy



Original Color

83.5389, 79.9736, 95.8275

Protanomaly

80.0388, 80.1173, 98.4345

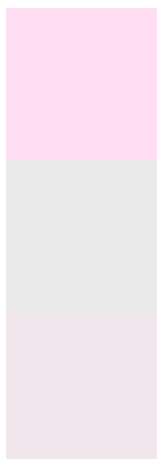
Deuteranomaly

82.3490, 79.7556, 95.8481

Tritanomaly

83.5049, 80.3862, 94.3340

Monochromacy



Original Color

83.5389, 79.9736, 95.8275

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

80.2008, 81.5853, 91.6413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5389, 79.9736, 95.8275 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(255, 222, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 243)  
}
```

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(255, 222, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 243) }
```

Border

The CSS property to change the border of an element to XYZ 83.5389, 79.9736, 95.8275 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(255, 222, 243) }
```


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

```
.border{ border-color:rgb(255, 222, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5389, 79.9736, 95.8275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 243) }
```

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

```
.background{ background-color: rgb(255,  
222, 243) }
```

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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