

Converting Colors

XYZ(97.4775, 87.3604, 97.0181)

Have a look what the booklet for
XYZ(97.4775, 87.3604, 97.0181)
contains.

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Color

**XYZ(83.9568, 80.5670,
96.7139)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFF4
RGB	255, 223, 244
RGB Percent	100%, 87%, 96%
CMY	0.0000, 0.1255, 0.0431
CMYK	0.00, 0.13, 0.04, 0.00
HSL	321°, 100%, 94%
HSV	321°, 13%, 100%
XYZ	83.9568, 80.5670, 96.7139
YIQ	234.9620, 12.3310, 13.3150

Conversions

Conversions Part 2

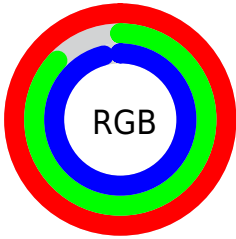
Format	Color
R _Y B	255, 223, 244
Decimal	16769012
CIE Lab	91.94, 14.49, -6.15
CIE LCh	92, 15.742, 336.997
Yxy	80.5670, 0.3214, 0.3084
Android (android.graphics.Color)	4294959092 (0xFFFFDFF4)
YUV	234.9620, 4.4557, 17.5733
Hunter-Lab	89.7591, 9.8827, -1.0526

Details

The XYZ color **83.9568, 80.5670, 96.7139** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.0452, 93.1497, 91.5534**, and the grayscale version is **78.8990, 83.0079, 90.3956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3684, 43.6419, 53.5568** is the 20% darker color. If you saturate the color by 10%, you get **76.3508, 67.4344, 87.7677**, and if you desaturate by 10%, it is **92.6558, 95.7834, 106.3390**.

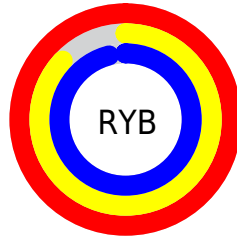
Distribution



Red (100%)

Green (87%)

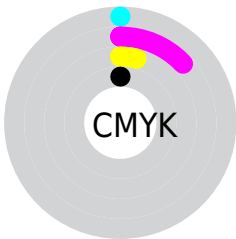
Blue (96%)



Red (100%)

Yellow (87%)

Blue (96%)

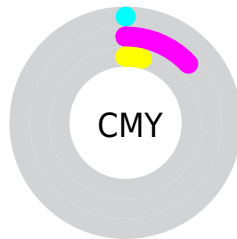


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (13%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.9568, 80.5670, 96.7139 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 83.9568, 80.5670, 96.7139 by changing the saturation by 10% instead.


 83.9568, 80.5670,
96.7139

 83.9568, 80.5670,
96.7139


496.7056,
496.8416, 570.7613

 63.2994, 60.1850,
72.9575


137.8363,
134.1626, 158.6462

 46.3430, 43.5678,
53.4496


171.7891,
168.1451, 197.6592

 32.7223, 30.3309,
37.7716


210.9044,
207.4298, 242.5948

 22.0720, 20.0899,
25.5050

255.5475,
252.4012, 293.8716

 14.0267, 12.4604,
16.2313

306.0838,
303.4437, 351.9081

 8.2211, 7.0580,
9.5318

362.8787,

 4.2897, 3.4984,

360.9417, 417.1229

4.9882

426.2975,
425.2795, 489.9344

■ 1.8673, 1.3972,
2.1817

■ 0.5577, 0.2146,
0.6638

■ 83.9568, 80.5670,
96.7139

■ 83.9568, 80.5670,
96.7139

■ 76.3508, 67.4344,
87.7677

■ 92.6558, 95.7834,
106.3390

■ 69.7856, 56.2841,
79.4753

95.0500, 100.0000,
108.9000

■ 64.2131, 47.0205,
71.8176

■ 59.5789, 39.5365,
64.7719

■ 55.8232, 33.7140,
58.3136

■ 52.8791, 29.4205,
52.4158

■ 50.6693, 26.5032,
47.0479

■ 49.1005, 24.7770,
42.1738

■ 48.2464, 24.0626,
38.8254

Harmonies

Analogous

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



81.3501, 80.5670, 106.7318



83.9568, 80.5670, 96.7139



84.5538, 80.5670, 85.0397

Triad

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



83.9568, 80.5670, 96.7139



75.6335, 80.5670, 67.4310



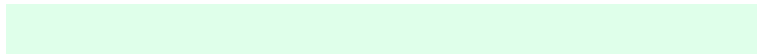
70.5346, 80.5670, 101.8139

Complementary

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



83.9568, 80.5670, 96.7139



81.0452, 93.1497, 91.5534

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.



69.1174, 80.5670, 90.4638



83.9568, 80.5670, 96.7139



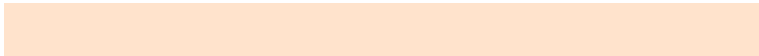
71.9934, 80.5670, 71.1182

Square

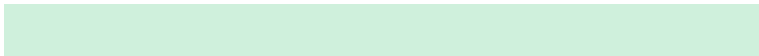
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



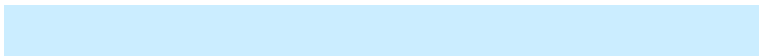
83.9568, 80.5670, 96.7139



79.6544, 80.5670, 68.7862



69.6419, 80.5670, 79.3088



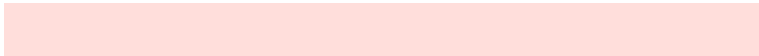
73.5789, 80.5670, 109.8525

Rectangle

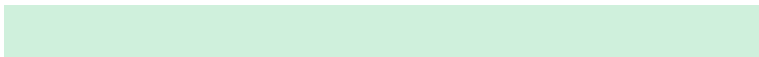
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.9568, 80.5670, 96.7139



83.7136, 80.5670, 78.0012



69.6419, 80.5670, 79.3088



69.8571, 80.5670, 98.2225

Sweetspot

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



83.9586, 80.5703, 96.7156



91.3224, 93.4401, 104.8978



78.2629, 77.4352, 105.4293



19.4010, 19.7442, 22.2940



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.



83.9586, 80.5703, 96.7156



81.9931, 77.1588, 94.4586



81.6799, 79.6588, 84.7159



18.5118, 18.1880, 21.3123



25.2828, 12.6024, 20.6713



2.5131, 1.2476, 2.2834

Inverse Universe

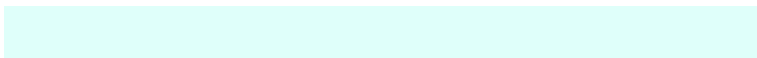
The Inverse Universe completely reimagines the original color for something new.



83.9586, 80.5703, 96.7156



81.9931, 77.1588, 94.4586



83.3965, 94.0902, 103.9353



18.5118, 18.1880, 21.3123



25.2828, 12.6024, 20.6713



2.5131, 1.2476, 2.2834

Previews

White Background



This preview shows how the XYZ color 83.9568, 80.5670, 96.7139 looks on a white background.

Color Contrast Check

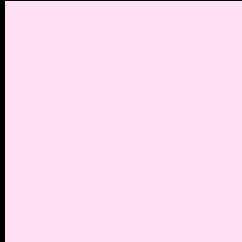
Large Text (above 18pt) WCAG AA × Fail

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 83.9568, 80.5670, 96.7139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

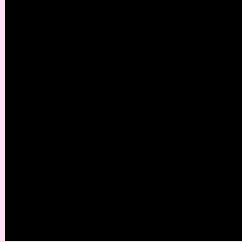
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.9568, 80.5670, 96.7139

Background



This preview shows how black text looks on a background with the XYZ color 83.9568, 80.5670, 96.7139.



This preview shows how white text looks on a background with the XYZ color 83.9568, 80.5670,

96.7139.

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

83.9568, 80.5670, 96.7139

Protanopia

78.6298, 80.9803, 101.1091

Deuteranopia

82.3213, 80.5218, 96.7914



Tritanopia

83.5049, 80.3862, 94.3340

Trichromacy



Original Color

83.9568, 80.5670, 96.7139

Protanomaly

80.4671, 80.7275, 99.3366

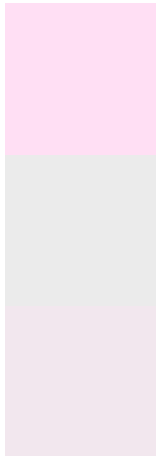
Deuteranomaly

82.7684, 80.3522, 96.7351

Tritanomaly

83.6547, 80.4462, 95.1230

Monochromacy



Original Color

83.9568, 80.5670, 96.7139

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.6265, 82.2021, 92.5060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9568, 80.5670, 96.7139 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, 223, 244) looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 244)  
}
```

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, 223, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 244) }
```

Border

The CSS property to change the border of an element to XYZ 83.9568, 80.5670, 96.7139 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, 223, 244) }
```


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

```
.border{ border-color:rgb(255, 223, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 83.9568, 80.5670, 96.7139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 244) }
```

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

```
.background{ background-color: rgb(255,  
223, 244) }
```

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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