

Converting Colors

XYZ(83.3642, 80.2346, 93.8924)

Have a look what the booklet for
XYZ(83.3642, 80.2346, 93.8924)
contains.

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Color

**XYZ(83.3559, 80.3266,
93.5493)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFF0
RGB	255, 223, 240
RGB Percent	100%, 87%, 94%
CMY	0.0000, 0.1255, 0.0588
CMYK	0.00, 0.13, 0.06, 0.00
HSL	328°, 100%, 94%
HSV	328°, 13%, 100%
XYZ	83.3559, 80.3266, 93.5493
YIQ	234.5060, 13.6150, 12.0710

Conversions

Conversions Part 2

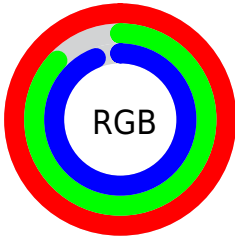
Format	Color
R _Y B	255, 223, 240
Decimal	16769008
CIE Lab	91.83, 13.81, -4.22
CIE LCh	92, 14.436, 343.016
Yxy	80.3266, 0.3240, 0.3123
Android (android.graphics.Color)	4294959088 (0xFFFFDFF0)
YUV	234.5060, 2.7085, 17.9732
Hunter-Lab	89.6251, 9.1701, 0.8516

Details

The XYZ color **83.3559, 80.3266, 93.5493** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.6265, 93.3822, 94.6147**, and the grayscale version is **78.5647, 82.6561, 90.0125**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9431, 43.4717, 51.3168** is the 20% darker color. If you saturate the color by 10%, you get **75.3315, 67.0267, 82.4003**, and if you desaturate by 10%, it is **92.5268, 95.7317, 105.6600**.

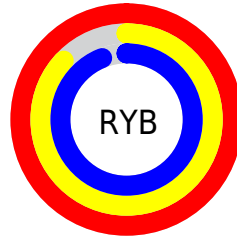
Distribution



Red (100%)

Green (87%)

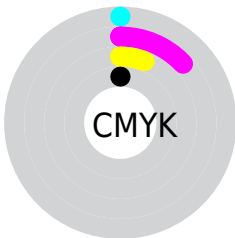
Blue (94%)



Red (100%)

Yellow (87%)

Blue (94%)

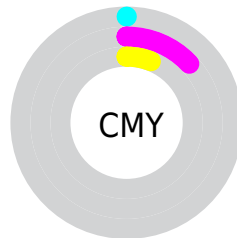


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.3559, 80.3266, 93.5493 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 83.3559, 80.3266, 93.5493 by changing the saturation by 10% instead.


 83.3559, 80.3266,
93.5493

 83.3559, 80.3266,
93.5493


494.7379,
496.0328, 560.3755

 62.8017, 59.9871,
70.3379


136.9998,
133.8248, 154.2372

 45.9389, 43.4083,
51.3236


170.8201,
167.7524, 192.5507

 32.4020, 30.2056,
36.0877


209.7933,
206.9781, 236.7355

 21.8258, 19.9947,
24.2117

254.2845,
251.8864, 287.2099

 13.8448, 12.3912,
15.2771

304.6592,
302.8616, 344.3926

 8.0938, 7.0107,
8.8653

361.2828,

 4.2073, 3.4688,

360.2881, 408.7021

4.5578

424.5206,
424.5504, 480.5568

■ 1.8201, 1.3811,
1.9361

■ 0.5297, 0.2027,
0.5155

■ 83.3559, 80.3266,
93.5493

■ 83.3559, 80.3266,
93.5493

■ 75.3315, 67.0267,
82.4003

■ 92.5268, 95.7317,
105.6600

■ 68.4004, 55.7300,
72.1808

95.0500, 100.0000,
108.9000

■ 62.5128, 46.3404,
62.8640

■ 57.6130, 38.7501,
54.4196

■ 53.6397, 32.8405,
46.8151

■ 50.5242, 28.4785,
40.0150

■ 48.1877, 25.5105,
33.9801

■ 46.5352, 23.7508,
28.6651

■ 45.6455, 23.0222,
25.1292

Harmonies

Analogous

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



81.3048, 80.3266, 103.2205



83.3559, 80.3266, 93.5493



83.4911, 80.3266, 82.9530

Triad

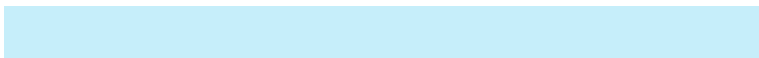
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.3559, 80.3266, 93.5493



74.7569, 80.3266, 69.0753



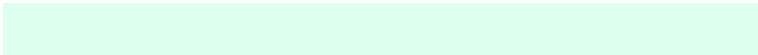
71.2638, 80.3266, 102.1106

Complementary

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



83.3559, 80.3266, 93.5493



81.6265, 93.3822, 94.6147

Split Complementary

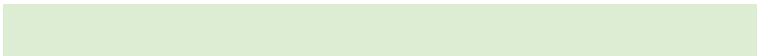
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6244, 80.3266, 92.1315



83.3559, 80.3266, 93.5493



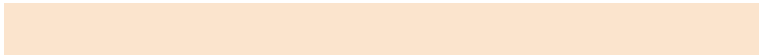
71.5969, 80.3266, 73.3950

Square

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



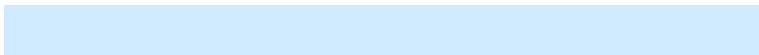
83.3559, 80.3266, 93.5493



78.4450, 80.3266, 69.3878



69.7444, 80.3266, 81.6447



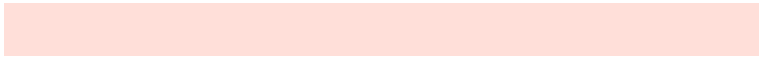
74.2888, 80.3266, 108.4304

Rectangle

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



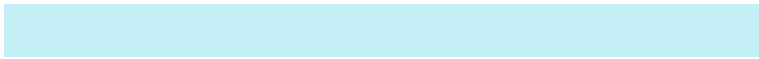
83.3559, 80.3266, 93.5493



82.4700, 80.3266, 76.8237



69.7444, 80.3266, 81.6447



70.5368, 80.3266, 99.0397

Sweetspot

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



83.3576, 80.3298, 93.5510



91.1215, 93.3597, 103.8397



79.6778, 78.1646, 105.4955



19.3502, 19.7239, 22.0260



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

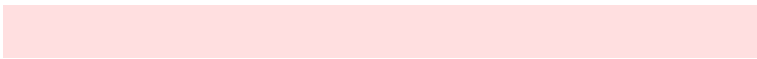
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3576, 80.3298, 93.5510



81.2846, 76.8754, 90.7277



81.0936, 79.4242, 81.6287



18.4127, 18.1484, 20.7903



23.9270, 12.0601, 13.5318



2.3849, 1.1963, 1.6084

Inverse Universe

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



83.3576, 80.3298, 93.5510



81.2846, 76.8754, 90.7277



84.0720, 94.3604, 107.4924



18.4127, 18.1484, 20.7903



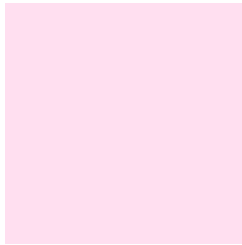
23.9270, 12.0601, 13.5318



2.3849, 1.1963, 1.6084

Previews

White Background



This preview shows how the XYZ color 83.3559, 80.3266, 93.5493 looks on a white background.

Color Contrast Check

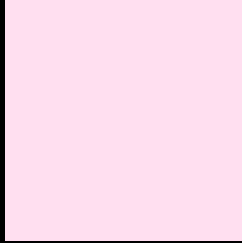
Large Text (above 18pt) WCAG AA × Fail

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 83.3559, 80.3266, 93.5493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

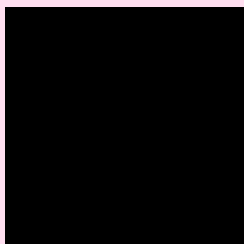
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.3559, 80.3266, 93.5493

Background



This preview shows how black text looks on a background with the XYZ color 83.3559, 80.3266, 93.5493.



This preview shows how white text looks on a background with the XYZ color 83.3559, 80.3266,

93.5493.

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

83.3559, 80.3266, 93.5493

Protanopia

77.9047, 80.2811, 96.9777

Deuteranopia

82.4371, 80.6509, 93.6604



Tritanopia

83.3559, 80.3266, 93.5493

Trichromacy



Original Color

83.3559, 80.3266, 93.5493

Protanomaly

79.5819, 79.9345, 96.0285

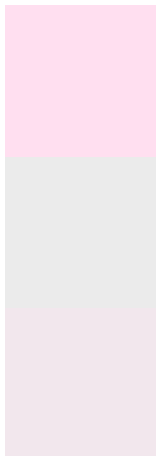
Deuteranomaly

82.5287, 80.2980, 93.5874

Tritanomaly

83.3559, 80.3266, 93.5493

Monochromacy



Original Color

83.3559, 80.3266, 93.5493

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.4799, 82.1435, 91.7343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3559, 80.3266, 93.5493 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 240) }
```

Border

The CSS property to change the border of an element to XYZ 83.3559, 80.3266, 93.5493 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, 240) }
```


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

```
.border{ border-color:rgb(255, 223, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3559, 80.3266, 93.5493 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, 240) }
```

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

```
.background{ background-color: rgb(255,  
223, 240) }
```

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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