

Converting Colors

XYZ(83.7269, 80.2569, 93.9030)

Have a look what the booklet for
XYZ(83.7269, 80.2569, 93.9030)
contains.

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Color

**XYZ(83.0895, 79.7938,
93.4605)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEF0
RGB	255, 222, 240
RGB Percent	100%, 87%, 94%
CMY	0.0000, 0.1294, 0.0588
CMYK	0.00, 0.13, 0.06, 0.00
HSL	327°, 100%, 94%
HSV	327°, 13%, 100%
XYZ	83.0895, 79.7938, 93.4605
YIQ	233.9190, 13.8900, 12.5940

Conversions

Conversions Part 2

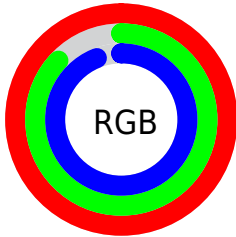
Format	Color
R _{YB}	255, 222, 240
Decimal	16768752
CIE _{Lab}	91.59, 14.33, -4.57
CIE _{LCh}	92, 15.037, 342.312
Yxy	79.7938, 0.3241, 0.3113
Android (android.graphics.Color)	4294958832 (0xFFFFDEF0)
YUV	233.9190, 2.9979, 18.4880
Hunter-Lab	89.3274, 9.7121, 0.4958

Details

The XYZ color **83.0895, 79.7938, 93.4605** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.1727, 93.1652, 93.8286**, and the grayscale version is **78.1177, 82.1859, 89.5005**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7591, 43.1039, 51.2555** is the 20% darker color. If you saturate the color by 10%, you get **75.1548, 66.5927, 82.5898**, and if you desaturate by 10%, it is **92.1620, 95.0938, 105.2554**.

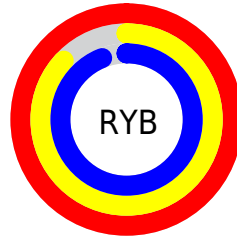
Distribution



Red (100%)

Green (87%)

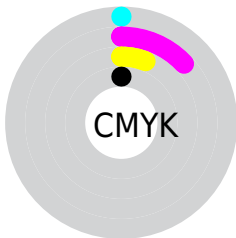
Blue (94%)



Red (100%)

Yellow (87%)

Blue (94%)

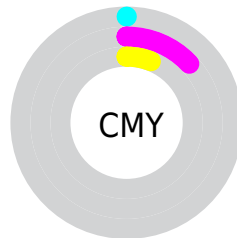


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.0895, 79.7938, 93.4605 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 83.0895, 79.7938, 93.4605 by changing the saturation by 10% instead.


 83.0895, 79.7938,
93.4605

 83.0895, 79.7938,
93.4605


493.8642,
494.2377, 560.0825

 62.5812, 59.5487,
70.2645


136.6287,
133.0758, 154.1132

 45.7598, 43.0550,
51.2641


170.3902,
166.8814, 192.4071

 32.2602, 29.9282,
36.0406


209.3002,
205.9761, 236.5706

 21.7168, 19.7841,
24.1756

253.7240,
250.7441, 287.0223

 13.7644, 12.2382,
15.2506

304.0269,
301.5699, 344.1809

 8.0376, 6.9061,
8.8468

360.5743,

 4.1710, 3.4035,

358.8378, 408.4647

4.5460

423.7317,
422.9322, 480.2924

■ 1.7993, 1.3458,
1.9294

■ 0.5173, 0.1763,
0.5113

■ 83.0895, 79.7938,
93.4605

■ 83.0895, 79.7938,
93.4605

■ 75.1548, 66.5927,
82.5898

■ 92.1620, 95.0938,
105.2554

■ 68.3047, 55.3883,
72.6124

95.0500, 100.0000,
108.9000

■ 62.4896, 46.0844,
63.5023

■ 57.6537, 38.5730,
55.2304

■ 53.7357, 32.7348,
47.7651

■ 50.6669, 28.4363,
41.0723

■ 48.3681, 25.5231,
35.1137

■ 46.7438, 23.8078,
29.8453

■ 45.9062, 23.1265,
26.5017

Harmonies

Analogous

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



80.9170, 79.7938, 103.4609



83.0895, 79.7938, 93.4605



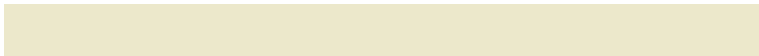
83.2799, 79.7938, 82.4539

Triad

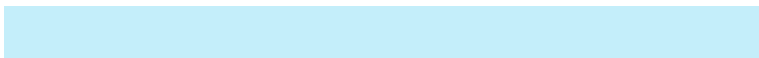
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0895, 79.7938, 93.4605



74.2793, 79.7938, 67.8315



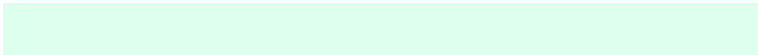
70.5160, 79.7938, 101.8949

Complementary

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



83.0895, 79.7938, 93.4605



81.1727, 93.1652, 93.8286

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.



68.8599, 79.7938, 91.4656



83.0895, 79.7938, 93.4605



70.9830, 79.7938, 72.1759

Square

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



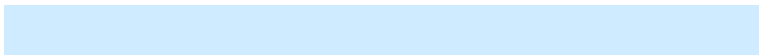
83.0895, 79.7938, 93.4605



78.1052, 79.7938, 68.2672



69.0280, 79.7938, 80.6195



73.6222, 79.7938, 108.6056

Rectangle

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



83.0895, 79.7938, 93.4605



82.2489, 79.7938, 76.0705



69.0280, 79.7938, 80.6195



69.7760, 79.7938, 98.6720

Sweetspot

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



83.0912, 79.7970, 93.4622



91.1443, 93.3688, 103.9596



79.0489, 77.4449, 105.3898



19.3559, 19.7262, 22.0564



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.



83.0912, 79.7970, 93.4622



80.5435, 75.5369, 90.0374



80.7707, 78.8688, 81.2424



18.4239, 18.1529, 20.8492



24.0633, 12.1146, 14.2498



2.3981, 1.2016, 1.6778

Inverse Universe

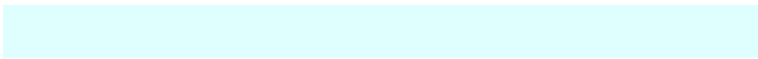
The Inverse Universe completely reimagines the original color for something new.



83.0912, 79.7970, 93.4622



80.5435, 75.5369, 90.0374



83.6715, 94.1647, 106.9870



18.4239, 18.1529, 20.8492



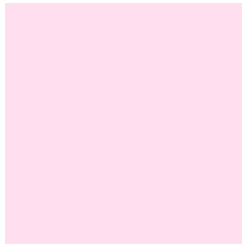
24.0633, 12.1146, 14.2498



2.3981, 1.2016, 1.6778

Previews

White Background



This preview shows how the XYZ color 83.0895, 79.7938, 93.4605 looks on a white background.

Color Contrast Check

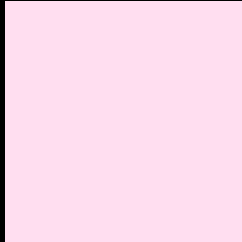
Large Text (above 18pt) WCAG AA × Fail

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 83.0895, 79.7938, 93.4605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

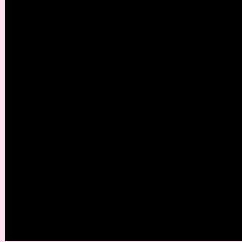
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.0895, 79.7938, 93.4605

Background



This preview shows how black text looks on a background with the XYZ color 83.0895, 79.7938, 93.4605.



This preview shows how white text looks on a background with the XYZ color 83.0895, 79.7938,

93.4605.

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

83.0895, 79.7938, 93.4605

Protanopia

77.7332, 80.1751, 97.7646

Deuteranopia

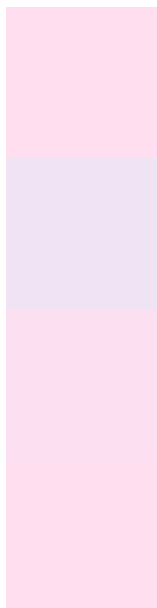
81.8082, 79.9266, 93.5537



Tritanopia

82.9413, 79.7345, 92.6802

Trichromacy



Original Color

83.0895, 79.7938, 93.4605

Protanomaly

79.5819, 79.9345, 96.0285

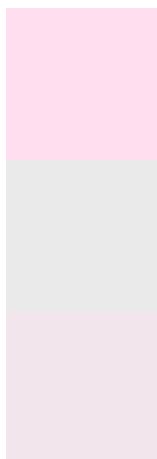
Deuteranomaly

82.2607, 79.7621, 93.4981

Tritanomaly

82.9413, 79.7345, 92.6802

Monochromacy



Original Color

83.0895, 79.7938, 93.4605

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

80.0551, 81.5270, 90.8738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0895, 79.7938, 93.4605 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 240) }
```

Border

The CSS property to change the border of an element to XYZ 83.0895, 79.7938, 93.4605 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, 240) }
```


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

```
.border{ border-color:rgb(255, 222, 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, 222, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0895, 79.7938, 93.4605 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, 240) }
```

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

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