

Converting Colors

XYZ(89.3034, 90.2931,
103.1881)

Have a look what the booklet for
XYZ(89.3034, 90.2931, 103.1881)
contains.

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Color

**XYZ(89.2885, 90.2931,
103.1648)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF0FA
RGB	254, 240, 250
RGB Percent	100%, 94%, 98%
CMY	0.0039, 0.0588, 0.0196
CMYK	0.00, 0.06, 0.02, 0.00
HSL	317°, 88%, 97%
HSV	317°, 6%, 100%
XYZ	89.2885, 90.2931, 103.1648
YIQ	245.3260, 5.1340, 6.0780

Conversions

Conversions Part 2

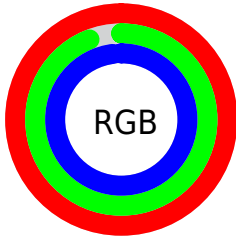
Format	Color
RYB	254, 240, 250
Decimal	16707834
CIELab	96.12, 6.42, -3.13
CIELCh	96, 7.144, 334.031
Yxy	90.2931, 0.3158, 0.3193
Android (android.graphics.Color)	4294897914 (0xFFFEF0FA)
YUV	245.3260, 2.3043, 7.6071
Hunter-Lab	95.0227, 1.4387, 2.1456

Details

The XYZ color 89.2885, 90.2931, 103.1648 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.7096, 95.9431, 99.4888, and the grayscale version is 87.0348, 91.5674, 99.7169.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.9041, 50.0463, 58.0686 is the 20% darker color. If you saturate the color by 10%, you get 81.2126, 75.9269, 94.9650, and if you desaturate by 10%, it is 94.6837, 99.8112, 108.8829.

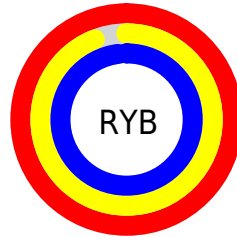
Distribution



Red (100%)

Green (94%)

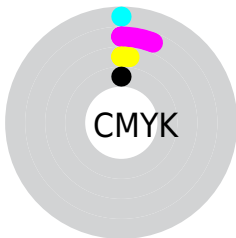
Blue (98%)



Red (100%)

Yellow (94%)

Blue (98%)

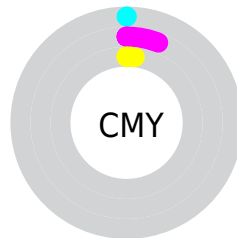


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.2885, 90.2931, 103.1648 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 89.2885, 90.2931, 103.1648 by changing the saturation by 10% instead.

89.2885, 90.2931,
103.1648

89.2885, 90.2931,
103.1648

513.9861,
528.9838, 591.6255

67.7250, 68.2238,
78.3147

145.2331,
147.7455, 167.5893

49.9469, 50.0798,
57.8145

180.3449,
183.8973, 208.0007

35.5888, 35.4768,
41.2458

220.7035,
225.5120, 254.4362

24.2855, 24.0304,
28.1901

266.6742,
272.9741, 307.3145

15.6714, 15.3562,
18.2287

318.6225,
326.6680, 367.0540

9.3813, 9.0697,
10.9432

376.9137,

5.0498, 4.7867,

386.9779, 434.0733

5.9149

441.9131,
454.2884, 508.7910

■ 2.3116, 2.1227,
2.7255

■ 0.8006, 0.6773,
0.9562

■ 89.2885, 90.2931,
103.1648

■ 89.2885, 90.2931,
103.1648

■ 81.2126, 75.9269,
94.9650

94.6837, 99.8112,
108.8829

■ 74.1808, 63.5809,
87.3259

■ 68.1489, 53.1663,
80.2315

■ 63.0667, 44.5831,
73.6626

■ 58.8792, 37.7225,
67.5982

■ 55.5257, 32.4638,
62.0156

■ 52.9378, 28.6708,
56.8894

■ 51.0354, 26.1846,
52.1901

■ 49.7198, 24.8086,
47.8823

Harmonies

Analogous

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



87.9687, 90.2931, 107.6272



89.2885, 90.2931, 103.1648



89.6740, 90.2931, 97.5495

Triad

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



89.2885, 90.2931, 103.1648



85.5536, 90.2931, 87.8360



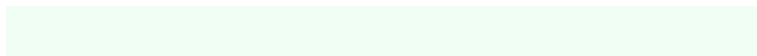
82.7050, 90.2931, 104.5414

Complementary

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



89.2885, 90.2931, 103.1648



87.7096, 95.9431, 99.4888

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.



82.0798, 90.2931, 99.0821



89.2885, 90.2931, 103.1648



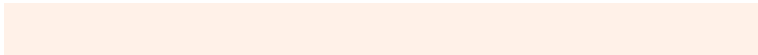
83.7083, 90.2931, 89.5538

Square

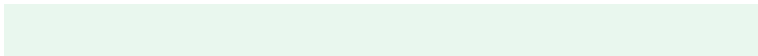
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



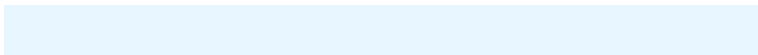
89.2885, 90.2931, 103.1648



87.4984, 90.2931, 88.8357



82.4442, 90.2931, 93.6174



84.1650, 90.2931, 108.4432

Rectangle

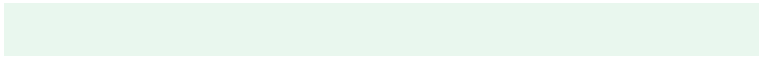
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.2885, 90.2931, 103.1648



89.3444, 90.2931, 93.9412



82.4442, 90.2931, 93.6174



82.3913, 90.2931, 102.8201

Sweetspot

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



89.2911, 90.2970, 103.1668



93.2107, 96.6956, 107.1335



86.3498, 88.7074, 106.3386



19.9702, 20.7314, 22.9496



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.



89.2911, 90.2970, 103.1668



88.8070, 88.8110, 102.8206



88.2190, 89.8682, 97.5210



18.8986, 18.8132, 21.8985



26.0348, 12.9032, 24.6312



2.5821, 1.2752, 2.6465

Inverse Universe

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



89.2911, 90.2970, 103.1668



88.8070, 88.8110, 102.8206



88.7873, 96.3741, 105.1639



18.8986, 18.8132, 21.8985



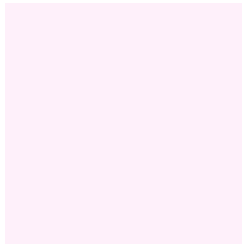
26.0348, 12.9032, 24.6312



2.5821, 1.2752, 2.6465

Previews

White Background



This preview shows how the XYZ color 89.2885, 90.2931, 103.1648 looks on a white background.

Color Contrast Check

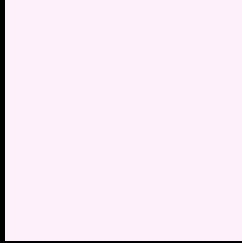
Large Text (above 18pt) WCAG AA × Fail

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 89.2885, 90.2931, 103.1648 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 89.2885, 90.2931, 103.1648

Background



This preview shows how black text looks on a background with the XYZ color 89.2885, 90.2931, 103.1648.

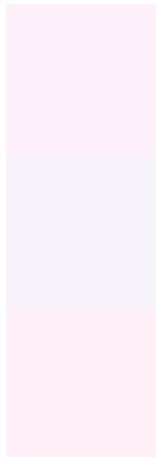


This preview shows how white text looks on a background with the XYZ color 89.2885, 90.2931,

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

89.2885, 90.2931, 103.1648

Protanopia

87.4692, 90.6590, 104.1556

Deuteranopia

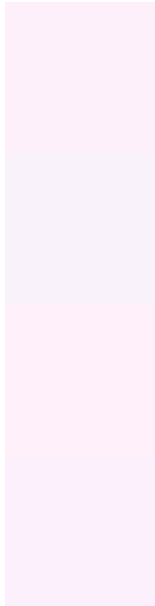
89.3434, 90.3575, 101.5388



Tritanopia

89.7181, 90.4228, 107.3324

Trichromacy



Original Color

89.2885, 90.2931, 103.1648

Protanomaly

88.2316, 90.6090, 104.1058

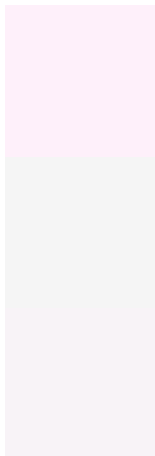
Deuteranomaly

89.4990, 90.4197, 102.3582

Tritanomaly

89.3977, 90.2947, 105.6454

Monochromacy



Original Color

89.2885, 90.2931, 103.1648

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.5505, 90.7730, 100.9022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.2885, 90.2931, 103.1648 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(254, 240, 250)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 250)  
}
```

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(254, 240, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 250) }
```

Border

The CSS property to change the border of an element to XYZ 89.2885, 90.2931, 103.1648 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(254, 240, 250) }
```


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

```
.border{ border-color:rgb(254, 240, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 240, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 89.2885, 90.2931, 103.1648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 240, 250) }
```

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

```
.background{ background-color: rgb(254,  
240, 250) }
```

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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