

Converting Colors

XYZ(118.0172, 100.0000,
94.6717)

Have a look what the booklet for
XYZ(118.0172, 100.0000, 94.6717)
contains.

XYZ(84.2891, 82.4302, 93.1295)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.2891, 82.4302,
93.1295)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3EF
RGB	255, 227, 239
RGB Percent	100%, 89%, 94%
CMY	0.0000, 0.1098, 0.0627
CMYK	0.00, 0.11, 0.06, 0.00
HSL	334°, 100%, 95%
HSV	334°, 11%, 100%
XYZ	84.2891, 82.4302, 93.1295
YIQ	236.7400, 12.8360, 9.6680

Conversions

Conversions Part 2

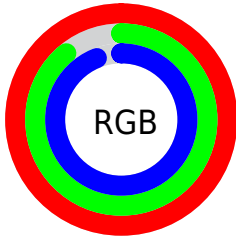
Format	Color
R _Y B	255, 227, 239
Decimal	16770031
CIE Lab	92.76, 11.56, -2.32
CIE LCh	93, 11.795, 348.641
Yxy	82.4302, 0.3244, 0.3172
Android (android.graphics.Color)	4294960111 (0xFFFFE3EF)
YUV	236.7400, 1.1142, 16.0140
Hunter-Lab	90.7911, 6.8324, 2.7367

Details

The XYZ color **84.2891, 82.4302, 93.1295** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.6188, 94.3232, 98.5966**, and the grayscale version is **80.2829, 84.4638, 91.9811**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5885, 44.9297, 51.0166** is the 20% darker color. If you saturate the color by 10%, you get **75.7576, 68.6747, 80.0887**, and if you desaturate by 10%, it is **94.0309, 98.3276, 107.4324**.

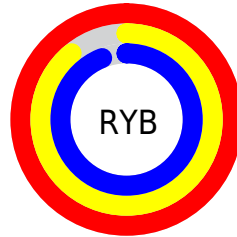
Distribution



Red (100%)

Green (89%)

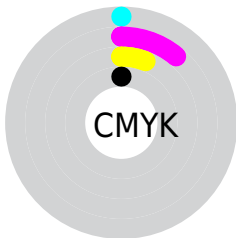
Blue (94%)



Red (100%)

Yellow (89%)

Blue (94%)

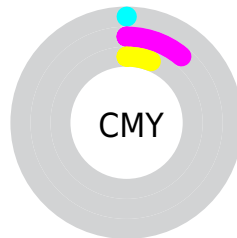


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.2891, 82.4302, 93.1295 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 84.2891, 82.4302, 93.1295 by changing the saturation by 10% instead.

 84.2891, 82.4302,
93.1295

 84.2891, 82.4302,
93.1295


497.7919,
503.0856, 558.9899

 63.5747, 61.7202,
69.9909


138.2987,
136.7771, 153.6511

 46.5667, 44.8067,
51.0423


172.3245,
171.1828, 191.8713

 32.8997, 31.3052,
35.8653


211.5182,
210.9226, 235.9556

 22.2085, 20.8313,
24.0413

256.2451,
256.3808, 286.3227

 14.1276, 13.0008,
15.1518

306.8706,
307.9417, 343.3912

 8.2918, 7.4291,
8.7782

363.7600,

 4.3356, 3.7319,

365.9899, 407.5795

4.5020

427.2787,
430.9097, 479.3062

■ 1.8937, 1.5247,
1.9046

■ 0.5732, 0.3060,
0.4956

■ 84.2891, 82.4302,
93.1295

■ 84.2891, 82.4302,
93.1295

■ 75.7576, 68.6747,
80.0887

94.0309, 98.3276,
107.4324

■ 68.3814, 56.9590,
68.2684

95.0500, 100.0000,
108.9000

■ 62.1096, 47.1875,
57.6318

■ 56.8850, 39.2530,
48.1381

■ 52.6454, 33.0380,
39.7441

■ 49.3209, 28.4111,
32.4028

■ 46.8324, 25.2214,
26.0629

■ 45.0852, 23.2885,
20.6669

■ 44.0148, 22.3699,
16.5420

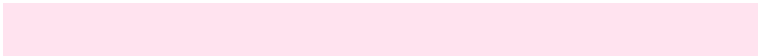
Harmonies

Analogous

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



82.8702, 82.4302, 101.4144



84.2891, 82.4302, 93.1295



84.0852, 82.4302, 84.4474

Triad

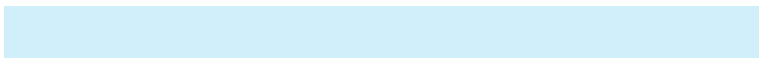
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2891, 82.4302, 93.1295



76.4725, 82.4302, 74.6429



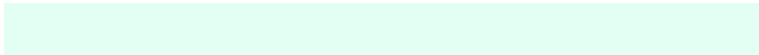
74.5046, 82.4302, 103.0734

Complementary

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



84.2891, 82.4302, 93.1295



83.6188, 94.3232, 98.5966

Split Complementary

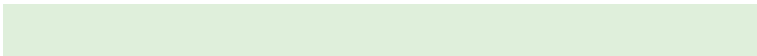
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.8768, 82.4302, 95.2752



84.2891, 82.4302, 93.1295



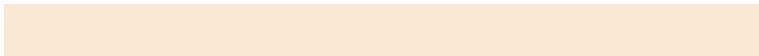
73.9923, 82.4302, 79.0207

Square

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



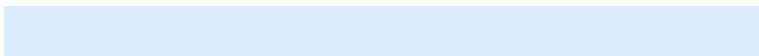
84.2891, 82.4302, 93.1295



79.5179, 82.4302, 74.1517



72.6918, 82.4302, 86.4581



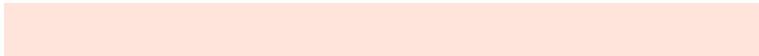
77.1885, 82.4302, 107.4010

Rectangle

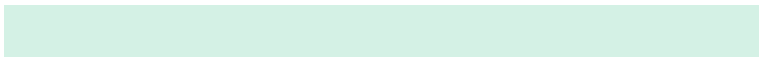
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



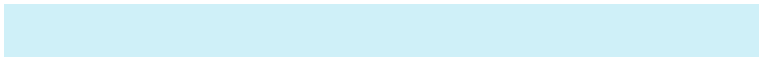
84.2891, 82.4302, 93.1295



83.0575, 82.4302, 79.5873



72.6918, 82.4302, 86.4581



73.8189, 82.4302, 100.7483

Sweetspot

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



84.2910, 82.4336, 93.1312



91.9619, 94.9374, 104.4375



82.4378, 81.1929, 105.9346



19.5110, 20.0381, 22.1029



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

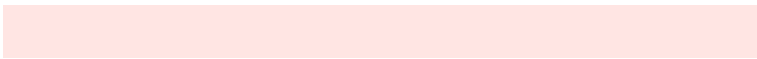
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2910, 82.4336, 93.1312



82.4698, 79.4822, 90.3937



83.0900, 82.7744, 84.2752



18.3325, 18.1163, 20.3679



23.0699, 11.7173, 9.0187



2.2997, 1.1622, 1.1594

Inverse Universe

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



84.2910, 82.4336, 93.1312



82.4698, 79.4822, 90.3937



84.8980, 93.8869, 108.2551



18.3325, 18.1163, 20.3679



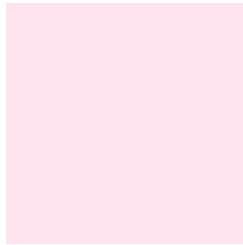
23.0699, 11.7173, 9.0187



2.2997, 1.1622, 1.1594

Previews

White Background



This preview shows how the XYZ color 84.2891, 82.4302, 93.1295 looks on a white background.

Color Contrast Check

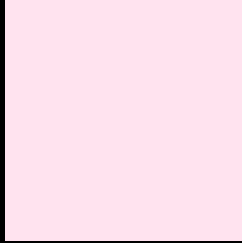
Large Text (above 18pt) WCAG AA × Fail

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 84.2891, 82.4302, 93.1295 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 84.2891, 82.4302, 93.1295

Background



This preview shows how black text looks on a background with the XYZ color 84.2891, 82.4302, 93.1295.



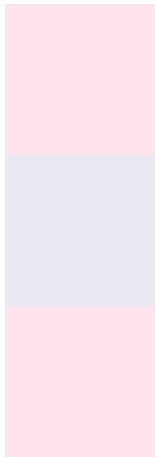
This preview shows how white text looks on a background with the XYZ color 84.2891, 82.4302,

93.1295.

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

84.2891, 82.4302, 93.1295

Protanopia

79.9086, 82.5818, 96.5223

Deuteranopia

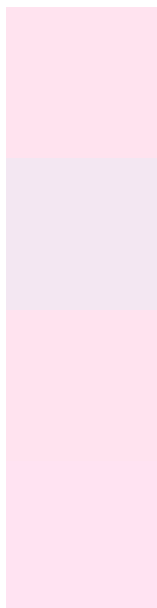
84.2891, 82.4302, 93.1295



Tritanopia

85.0382, 82.7298, 97.0744

Trichromacy



Original Color

84.2891, 82.4302, 93.1295

Protanomaly

81.5651, 82.6173, 95.6522

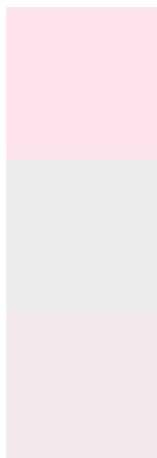
Deuteranomaly

84.2891, 82.4302, 93.1295

Tritanomaly

84.7361, 82.6090, 95.4835

Monochromacy



Original Color

84.2891, 82.4302, 93.1295

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.8798, 83.6840, 92.7260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2891, 82.4302, 93.1295 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, 227, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 239)  
}
```

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, 227, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 239) }
```

Border

The CSS property to change the border of an element to XYZ 84.2891, 82.4302, 93.1295 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, 227, 239) }
```


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

```
.border{ border-color:rgb(255, 227, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2891, 82.4302, 93.1295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 239) }
```

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

```
.background{ background-color: rgb(255,  
227, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor