

Converting Colors

XYZ(82.7763, 80.0096, 94.3001)

Have a look what the booklet for
XYZ(82.7763, 80.0096, 94.3001)
contains.

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Color

**XYZ(82.7729, 80.0089,
94.2997)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDFF1
RGB	253, 223, 241
RGB Percent	99%, 87%, 95%
CMY	0.0078, 0.1255, 0.0549
CMYK	0.00, 0.12, 0.05, 0.01
HSL	324°, 88%, 93%
HSV	324°, 12%, 99%
XYZ	82.7729, 80.0089, 94.2997
YIQ	234.0220, 12.1020, 11.9580

Conversions

Conversions Part 2

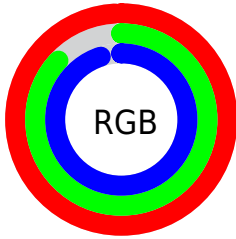
Format	Color
R _Y B	253, 223, 241
Decimal	16637937
CIE Lab	91.69, 13.30, -4.97
CIE LCh	92, 14.200, 339.515
Yxy	80.0089, 0.3220, 0.3112
Android (android.graphics.Color)	4294828017 (0xFFFDDFF1)
YUV	234.0220, 3.4402, 16.6437
Hunter-Lab	89.4477, 8.6465, 0.1073

Details

The XYZ color **82.7729, 80.0089, 94.2997** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.5553, 91.9389, 92.1021**, and the grayscale version is **78.1937, 82.2659, 89.5876**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5245, 43.2438, 51.8464** is the 20% darker color. If you saturate the color by 10%, you get **75.0423, 66.8994, 84.4701**, and if you desaturate by 10%, it is **91.6021, 95.1789, 104.9119**.

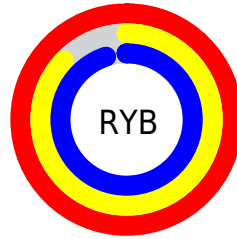
Distribution



Red (99%)

Green (87%)

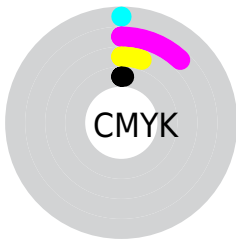
Blue (95%)



Red (99%)

Yellow (87%)

Blue (95%)

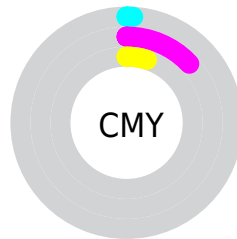


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.7729, 80.0089, 94.2997 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 82.7729, 80.0089, 94.2997 by changing the saturation by 10% instead.


 82.7729, 80.0089,
94.2997

 82.7729, 80.0089,
94.2997


492.8247,
494.9628, 562.8476

 62.3191, 59.7257,
70.9586

136.1875,
133.3782, 155.2840

 45.5472, 43.1976,
51.8268


169.8791,
167.2332, 193.7643

 32.0917, 30.0402,
36.4857


208.7139,
206.3808, 238.1280

 21.5875, 19.8691,
24.5169

253.0573,
251.2054, 288.7937

 13.6690, 12.2999,
15.5018

303.2748,
302.0916, 346.1800

 7.9710, 6.9483,
9.0218

359.7316,

 4.1280, 3.4298,

359.4236, 410.7054

4.6584

422.7931,
423.5859, 482.7884

■ 1.7748, 1.3600,
1.9930

■ 0.5024, 0.1870,
0.5510

■ 82.7729, 80.0089,
94.2997

■ 82.7729, 80.0089,
94.2997

■ 75.0423, 66.8994,
84.4701

■ 91.6021, 95.1789,
104.9119

■ 68.3573, 55.7502,
75.3959

■ 94.3185, 99.6229,
108.8658

■ 62.6710, 46.4681,
67.0556

■ 57.9298, 38.9485,
59.4243

■ 54.0750, 33.0761,
52.4752

■ 51.0408, 28.7219,
46.1791

■ 48.7518, 25.7375,
40.5031

■ 47.1172, 23.9439,
35.4091

■ 46.1585, 23.1429,
31.6479

Harmonies

Analogous

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



80.5737, 80.0089, 103.4631



82.7729, 80.0089, 94.2997



83.1388, 80.0089, 83.8536

Triad

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



82.7729, 80.0089, 94.2997



74.8982, 80.0089, 68.8531



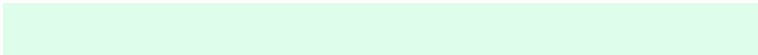
70.7881, 80.0089, 100.4626

Complementary

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



82.7729, 80.0089, 94.2997



80.5553, 91.9389, 92.1021

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.



69.3686, 80.0089, 90.4622



82.7729, 80.0089, 94.2997



71.6913, 80.0089, 72.5886

Square

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



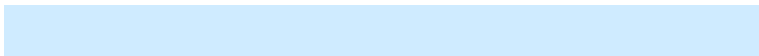
82.7729, 80.0089, 94.2997



78.5147, 80.0089, 69.7020



69.6939, 80.0089, 80.3069



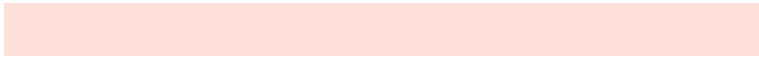
73.6298, 80.0089, 107.2130

Rectangle

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



82.7729, 80.0089, 94.2997



82.2825, 80.0089, 77.6355



69.6939, 80.0089, 80.3069



70.1330, 80.0089, 97.3387

Sweetspot

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



82.7752, 80.0124, 94.3014



91.2318, 93.4038, 104.4205



78.3814, 77.5333, 103.7640



19.3781, 19.7350, 22.1731



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

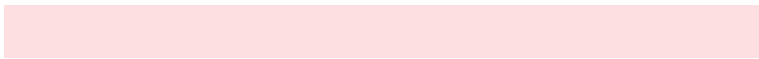
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7752, 80.0124, 94.3014



82.4849, 78.4137, 93.7862



80.6260, 79.1527, 82.9840



18.4670, 18.1701, 21.0762



24.6283, 12.3406, 17.2247



2.4520, 1.2232, 1.9615

Inverse Universe

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



82.7752, 80.0124, 94.3014



82.4849, 78.4137, 93.7862



82.8146, 92.8426, 103.9997



18.4670, 18.1701, 21.0762



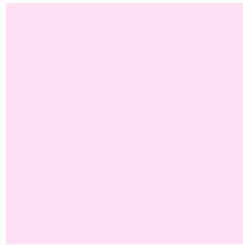
24.6283, 12.3406, 17.2247



2.4520, 1.2232, 1.9615

Previews

White Background



This preview shows how the XYZ color 82.7729, 80.0089, 94.2997 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 82.7729, 80.0089, 94.2997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

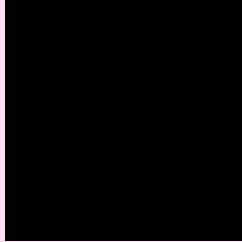
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.7729, 80.0089, 94.2997

Background



This preview shows how black text looks on a background with the XYZ color 82.7729, 80.0089, 94.2997.



This preview shows how white text looks on a background with the XYZ color 82.7729, 80.0089,

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

82.7729, 80.0089, 94.2997

Protanopia

77.7332, 80.1751, 97.7646

Deuteranopia

81.5998, 79.8019, 94.3216



Tritanopia

82.7729, 80.0089, 94.2997

Trichromacy



Original Color

82.7729, 80.0089, 94.2997

Protanomaly

79.3948, 79.8205, 96.8103

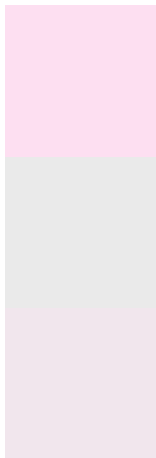
Deuteranomaly

81.9572, 79.9862, 94.3384

Tritanomaly

82.7729, 80.0089, 94.2997

Monochromacy



Original Color

82.7729, 80.0089, 94.2997

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.8585, 81.4088, 91.6252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7729, 80.0089, 94.2997 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(253, 223, 241)` looks like.

```
.text, #text, p{  
    color:rgb(253, 223, 241)  
}
```

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(253, 223, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 223, 241) }
```

Border

The CSS property to change the border of an element to XYZ 82.7729, 80.0089, 94.2997 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(253, 223, 241) }
```


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

```
.border{ border-color:rgb(253, 223, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 223, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 223, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 223, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 223,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7729, 80.0089, 94.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 223, 241) }
```

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

```
.background{ background-color: rgb(253,  
223, 241) }
```

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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