

Converting Colors

XYZ(79.3177, 76.7596, 83.1999)

Have a look what the booklet for
XYZ(79.3177, 76.7596, 83.1999)
contains.

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Color

**XYZ(79.3415, 76.9045,
83.3354)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDBE3
RGB	252, 219, 227
RGB Percent	99%, 86%, 89%
CMY	0.0118, 0.1412, 0.1098
CMYK	0.00, 0.13, 0.10, 0.01
HSL	345°, 85%, 92%
HSV	345°, 13%, 99%
XYZ	79.3415, 76.9045, 83.3354
YIQ	229.7790, 17.1000, 9.4840

Conversions

Conversions Part 2

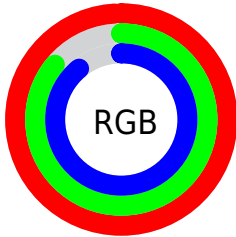
Format	Color
R _Y B	252, 219, 227
Decimal	16571363
CIE Lab	90.28, 12.69, 0.29
CIE LCh	90, 12.697, 1.321
Yxy	76.9045, 0.3312, 0.3210
Android (android.graphics.Color)	4294761443 (0xFFFCDBE3)
YUV	229.7790, -1.3700, 19.4878
Hunter-Lab	87.6952, 8.0297, 5.0443

Details

The XYZ color **79.3415, 76.9045, 83.3354** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.3559, 91.2144, 98.9632**, and the grayscale version is **75.0532, 78.9618, 85.9894**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2275, 41.1316, 44.6906** is the 20% darker color. If you saturate the color by 10%, you get **70.7677, 63.7424, 68.1889**, and if you desaturate by 10%, it is **89.2071, 92.1807, 100.3562**.

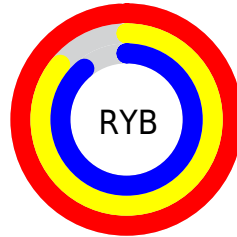
Distribution



Red (99%)

Green (86%)

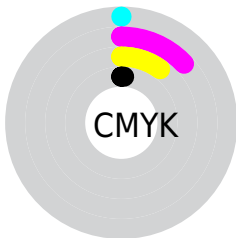
Blue (89%)



Red (99%)

Yellow (86%)

Blue (89%)

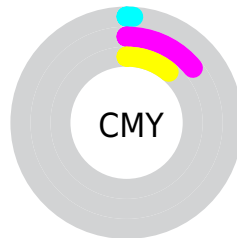


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (1%)



Cyan (1%)


Magenta (14%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3415, 76.9045, 83.3354 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 79.3415, 76.9045, 83.3354 by changing the saturation by 10% instead.


 79.3415, 76.9045,
83.3354

 79.3415, 76.9045,
83.3354


481.4813,
484.4384, 526.1039

 59.4832, 57.1745,
61.9247


131.3949,
129.0047, 139.8985

 43.2501, 41.1454,
44.5364


164.3208,
162.1436, 175.8880

 30.2768, 28.4327,
30.7522


202.3332,
200.5210, 217.5742

 20.1979, 18.6521,
20.1533

245.7975,
244.5212, 265.3756

 12.6481, 11.4191,
12.3214

295.0791,
294.5287, 319.7107

 7.2620, 6.3495,
6.8377

350.5434,

 3.6743, 3.0587,

350.9278, 380.9981

3.2839

412.5557,
414.1029, 449.6563

■ 1.5196, 1.1625,
1.2414

■ 0.3391, 0.0307,
0.0130

■ 79.3415, 76.9045,
83.3354

■ 79.3415, 76.9045,
83.3354

■ 70.7677, 63.7424,
68.1889

■ 89.2071, 92.1807,
100.3562

■ 63.4252, 52.5912,
54.8470

■ 93.9553, 99.4356,
108.8488

■ 57.2581, 43.3543,
43.2426

■ 52.2037, 35.9233,
33.3024

■ 48.1932, 30.1785,
24.9482

■ 45.1499, 25.9861,
18.0945

■ 42.9861, 23.1913,
12.6476

■ 41.5967, 21.6071,
8.5018

■ 40.9894, 21.0333,
6.3238

Harmonies

Analogous

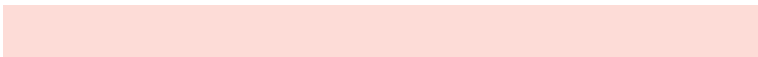
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5583, 76.9045, 92.3702



79.3415, 76.9045, 83.3354



78.4114, 76.9045, 75.0097

Triad

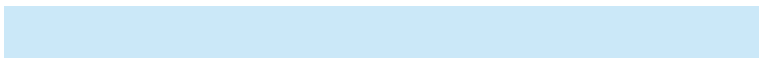
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3415, 76.9045, 83.3354



69.9813, 76.9045, 69.7290



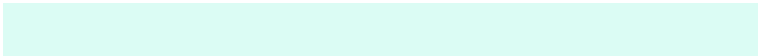
70.2173, 76.9045, 99.9539

Complementary

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



79.3415, 76.9045, 83.3354



80.3559, 91.2144, 98.9632

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.



68.0253, 76.9045, 93.1140



79.3415, 76.9045, 83.3354



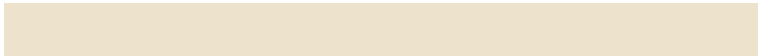
67.8919, 76.9045, 75.6572

Square

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



79.3415, 76.9045, 83.3354



72.9554, 76.9045, 67.5119



67.1861, 76.9045, 84.1377



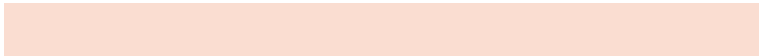
73.2356, 76.9045, 102.3709

Rectangle

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



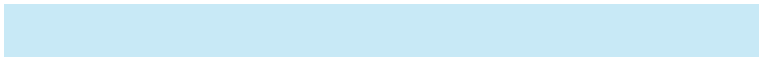
79.3415, 76.9045, 83.3354



76.9600, 76.9045, 70.8694



67.1861, 76.9045, 84.1377



69.3625, 76.9045, 98.0725

Sweetspot

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



79.3437, 76.9079, 83.3370



90.6624, 93.1761, 101.4221



80.1262, 76.8833, 102.7132



19.2341, 19.6775, 21.4151



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

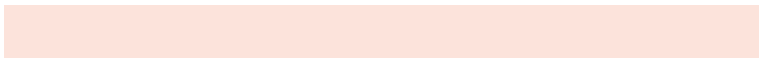
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3437, 76.9079, 83.3370



78.8036, 74.8410, 80.8752



80.4710, 80.8880, 78.3936



17.4170, 17.2942, 18.7859



21.3997, 10.9756, 3.5473



2.0218, 1.0325, 0.5384

Inverse Universe

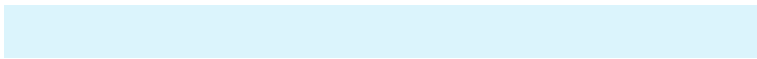
The Inverse Universe completely reimagines the original color for something new.



79.3437, 76.9079, 83.3370



78.8036, 74.8410, 80.8752



79.0622, 86.6417, 104.6528



17.4170, 17.2942, 18.7859



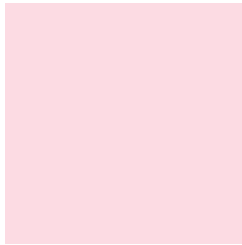
21.3997, 10.9756, 3.5473



2.0218, 1.0325, 0.5384

Previews

White Background



This preview shows how the XYZ color 79.3415, 76.9045, 83.3354 looks on a white background.

Color Contrast Check

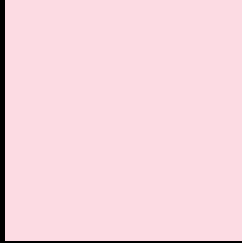
Large Text (above 18pt) WCAG AA × Fail

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 79.3415, 76.9045, 83.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

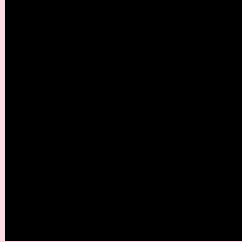
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3415, 76.9045, 83.3354

Background



This preview shows how black text looks on a background with the XYZ color 79.3415, 76.9045, 83.3354.



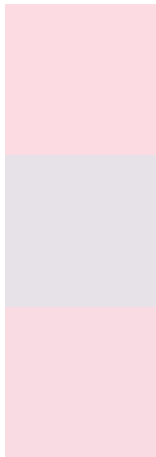
This preview shows how white text looks on a background with the XYZ color 79.3415, 76.9045,

83.3354.

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

79.3415, 76.9045, 83.3354

Protanopia

74.2533, 76.9852, 86.5474

Deuteranopia

78.5252, 76.8722, 83.3721



Tritanopia

80.5748, 77.0236, 89.2176

Trichromacy



Original Color

79.3415, 76.9045, 83.3354

Protanomaly

75.9305, 76.6657, 85.6589

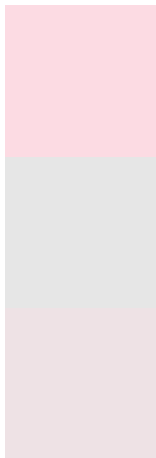
Deuteranomaly

78.8827, 77.0564, 83.3889

Tritanomaly

80.1449, 76.8516, 86.9537

Monochromacy



Original Color

79.3415, 76.9045, 83.3354

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.5991, 78.2270, 85.1909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3415, 76.9045, 83.3354 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(252, 219, 227)` looks like.

```
.text, #text, p{  
    color:rgb(252, 219, 227)  
}
```

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(252, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 219, 227) }
```

Border

The CSS property to change the border of an element to XYZ 79.3415, 76.9045, 83.3354 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(252, 219, 227) }
```


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

```
.border{ border-color:rgb(252, 219, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 219, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(252, 219,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3415, 76.9045, 83.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 219, 227) }
```

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

```
.background{ background-color: rgb(252,  
219, 227) }
```

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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