

Converting Colors

XYZ(114.0039, 93.1272,
84.6020)

Have a look what the booklet for
XYZ(114.0039, 93.1272, 84.6020)
contains.

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Color

**XYZ(79.4056, 75.4069,
83.0429)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7E3
RGB	255, 215, 227
RGB Percent	100%, 84%, 89%
CMY	0.0000, 0.1568, 0.1098
CMYK	0.00, 0.16, 0.11, 0.00
HSL	342°, 100%, 92%
HSV	342°, 16%, 100%
XYZ	79.4056, 75.4069, 83.0429
YIQ	228.3280, 19.9880, 12.2120

Conversions

Conversions Part 2

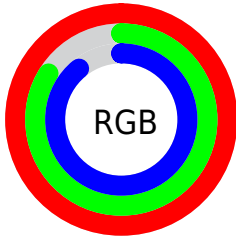
Format	Color
R _Y B	255, 215, 227
Decimal	16766947
CIE Lab	89.58, 15.81, -0.69
CIE LCh	90, 15.828, 357.500
Yxy	75.4069, 0.3338, 0.3170
Android (android.graphics.Color)	4294957027 (0xFFFFD7E3)
YUV	228.3280, -0.6547, 23.3913
Hunter-Lab	86.8371, 11.2589, 4.0866

Details

The XYZ color **79.4056, 75.4069, 83.0429** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.9644, 92.4393, 98.4255**, and the grayscale version is **73.9788, 77.8314, 84.7584**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3059, 40.1259, 44.4923** is the 20% darker color. If you saturate the color by 10%, you get **71.0738, 62.4841, 68.7335**, and if you desaturate by 10%, it is **89.0083, 90.4621, 99.0384**.

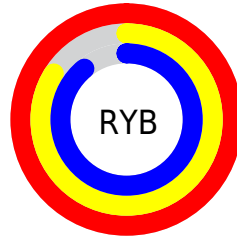
Distribution



Red (100%)

Green (84%)

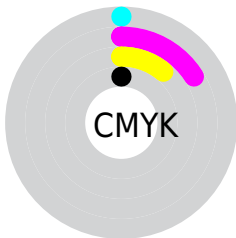
Blue (89%)



Red (100%)

Yellow (84%)

Blue (89%)

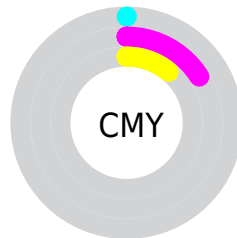


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4056, 75.4069, 83.0429 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 79.4056, 75.4069, 83.0429 by changing the saturation by 10% instead.


 79.4056, 75.4069,
83.0429

 79.4056, 75.4069,
83.0429


481.6945,
479.3150, 525.1042

 59.5361, 55.9463,
61.6847

131.4846,
126.8882, 139.4853

 43.2929, 40.1599,
44.3439


164.4249,
159.6777, 175.4066

 30.3105, 27.6632,
30.6017


202.4528,
197.6789, 217.0194

 20.2236, 18.0719,
20.0399

245.9337,
241.2762, 264.7422

 12.6669, 11.0016,
12.2397

295.2330,
290.8541, 318.9935

 7.2750, 6.0679,
6.7826

350.7160,

 3.6825, 2.8864,

346.7969, 380.1920

3.2501

412.7480,
409.4891, 448.7560

■ 1.5241, 1.0727,
1.2237

■ 0.3422, 0.0000,
0.0000

■ 79.4056, 75.4069,
83.0429

■ 79.4056, 75.4069,
83.0429

■ 71.0738, 62.4841,
68.7335

■ 89.0083, 90.4621,
99.0384

■ 63.9533, 51.5878,
56.0491

95.0500, 100.0000,
108.9000

■ 57.9873, 42.6169,
44.9316

■ 53.1123, 35.4582,
35.3176

■ 49.2581, 29.9861,
27.1390

■ 46.3465, 26.0593,
20.3219

■ 44.2865, 23.5127,
14.7849

■ 42.9673, 22.1425,
10.4354

■ 42.5614, 21.7885,
8.8882

Harmonies

Analogous

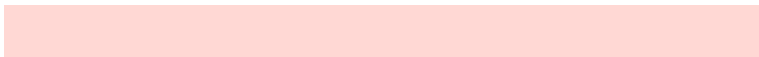
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1658, 75.4069, 94.1584



79.4056, 75.4069, 83.0429



78.5119, 75.4069, 72.6077

Triad

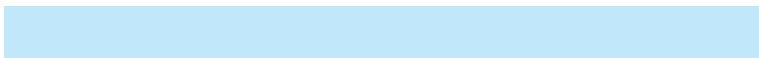
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4056, 75.4069, 83.0429



68.2741, 75.4069, 64.5359



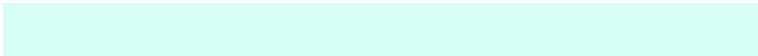
67.7287, 75.4069, 101.5251

Complementary

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



79.4056, 75.4069, 83.0429



79.9644, 92.4393, 98.4255

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.



65.2414, 75.4069, 92.3969



79.4056, 75.4069, 83.0429



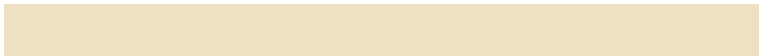
65.5482, 75.4069, 71.1274

Square

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



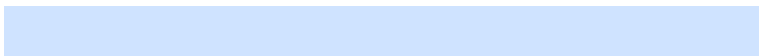
79.4056, 75.4069, 83.0429



71.9986, 75.4069, 62.5137



64.4576, 75.4069, 81.1748



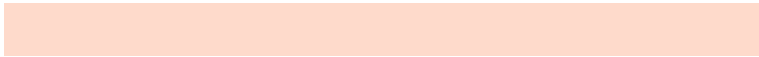
71.3463, 75.4069, 105.4141

Rectangle

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



79.4056, 75.4069, 83.0429



76.8437, 75.4069, 67.3057



64.4576, 75.4069, 81.1748



66.7377, 75.4069, 98.9294

Sweetspot

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



79.4073, 75.4100, 83.0445



89.7125, 91.5716, 100.1952



79.3147, 74.8789, 104.8805



19.0473, 19.3561, 21.1915



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

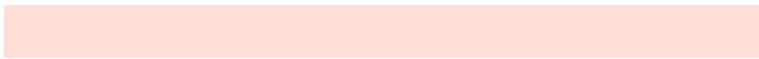
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4073, 75.4100, 83.0445



76.5060, 70.8927, 78.1151



79.8954, 78.9445, 75.3208



18.2336, 18.0767, 19.8471



22.2964, 11.4078, 4.9452



2.2167, 1.1291, 0.7226

Inverse Universe

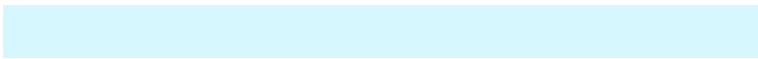
The Inverse Universe completely reimagines the original color for something new.



79.4073, 75.4100, 83.0445



76.5060, 70.8927, 78.1151



79.3372, 88.1902, 107.4486



18.2336, 18.0767, 19.8471



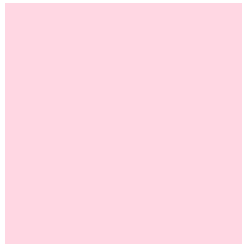
22.2964, 11.4078, 4.9452



2.2167, 1.1291, 0.7226

Previews

White Background



This preview shows how the XYZ color 79.4056, 75.4069, 83.0429 looks on a white background.

Color Contrast Check

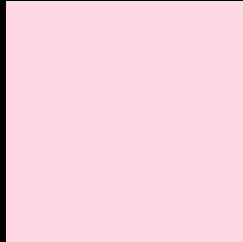
Large Text (above 18pt) WCAG AA × Fail

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 79.4056, 75.4069, 83.0429 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 79.4056, 75.4069, 83.0429

Background



This preview shows how black text looks on a background with the XYZ color 79.4056, 75.4069, 83.0429.



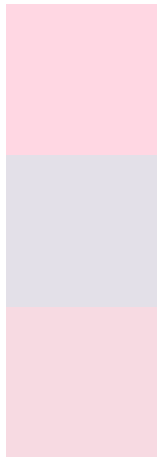
This preview shows how white text looks on a background with the XYZ color 79.4056, 75.4069,

83.0429.

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

79.4056, 75.4069, 83.0429

Protanopia

72.8997, 75.4684, 87.0686

Deuteranopia

77.1566, 75.4080, 82.4401



Tritanopia

79.9642, 75.6304, 85.9849

Trichromacy



Original Color

79.4056, 75.4069, 83.0429

Protanomaly

75.0644, 75.4306, 85.4662

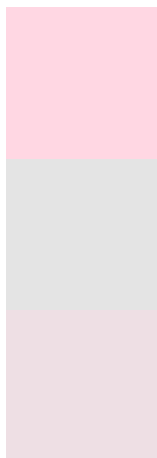
Deuteranomaly

77.9647, 75.4407, 82.4038

Tritanomaly

79.8234, 75.5740, 85.2430

Monochromacy



Original Color

79.4056, 75.4069, 83.0429

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.6512, 76.5539, 84.1879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4056, 75.4069, 83.0429 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, 215, 227) looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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(255, 215, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 227) }
```

Border

The CSS property to change the border of an element to XYZ 79.4056, 75.4069, 83.0429 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, 215, 227) }
```


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

```
.border{ border-color:rgb(255, 215, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4056, 75.4069, 83.0429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 227) }
```

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

```
.background{ background-color: rgb(255,  
215, 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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