

Converting Colors

XYZ(175.5204, 124.4817,
89.3225)

Have a look what the booklet for
XYZ(175.5204, 124.4817, 89.3225)
contains.

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Color

**XYZ(79.5695, 75.0663,
85.1584)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6E6
RGB	255, 214, 230
RGB Percent	100%, 84%, 90%
CMY	0.0000, 0.1608, 0.0980
CMYK	0.00, 0.16, 0.10, 0.00
HSL	337°, 100%, 92%
HSV	337°, 16%, 100%
XYZ	79.5695, 75.0663, 85.1584
YIQ	228.0830, 19.3000, 13.6680

Conversions

Conversions Part 2

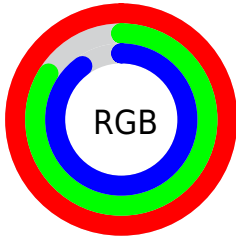
Format	Color
R _Y B	255, 214, 230
Decimal	16766694
CIE Lab	89.42, 16.82, -2.50
CIE LCh	89, 17.008, 351.536
Yxy	75.0663, 0.3318, 0.3130
Android (android.graphics.Color)	4294956774 (0xFFFFD6E6)
YUV	228.0830, 0.9451, 23.6062
Hunter-Lab	86.6408, 12.3101, 2.3730

Details

The XYZ color **79.5695, 75.0663, 85.1584** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.0740, 92.0493, 95.2645**, and the grayscale version is **73.7885, 77.6312, 84.5404**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4247, 39.8972, 45.9696** is the 20% darker color. If you saturate the color by 10%, you get **71.5268, 62.3211, 72.1802**, and if you desaturate by 10%, it is **88.8206, 89.9160, 99.5025**.

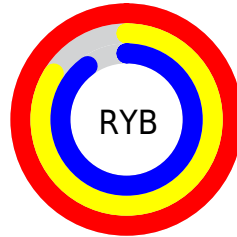
Distribution



Red (100%)

Green (84%)

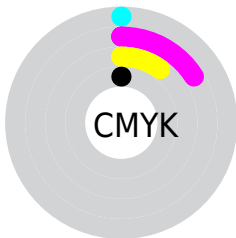
Blue (90%)



Red (100%)

Yellow (84%)

Blue (90%)

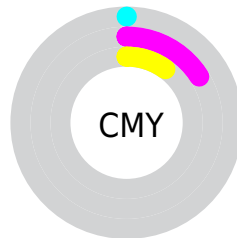


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.5695, 75.0663, 85.1584 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 79.5695, 75.0663, 85.1584 by changing the saturation by 10% instead.


 79.5695, 75.0663,
85.1584

 79.5695, 75.0663,
85.1584


482.2395,
478.1454, 532.3103

 59.6714, 55.6672,
63.4214


131.7140,
126.4062, 142.4706

 43.4023, 39.9362,
45.7390


164.6911,
159.1158, 178.8828

 30.3968, 27.4888,
31.6927


202.7586,
197.0310, 221.0239

 20.2895, 17.9406,
20.8640

246.2819,
240.5363, 269.3123

 12.7151, 10.9074,
12.8344

295.6263,
290.0160, 324.1666

 7.3083, 6.0046,
7.1852

351.1571,

 3.7037, 2.8479,

345.8544, 386.0053

3.4980

413.2397,
408.4361, 455.2471

■ 1.5359, 1.0528,
1.3542

■ 0.3501, 0.0000,
0.1056

■ 79.5695, 75.0663,
85.1584

■ 79.5695, 75.0663,
85.1584

■ 71.5268, 62.3211,
72.1802

■ 88.8206, 89.9160,
99.5025

■ 64.6356, 51.5754,
60.5211

95.0500, 100.0000,
108.9000

■ 58.8416, 42.7291,
50.1378

■ 54.0842, 35.6694,
40.9829

■ 50.2964, 30.2719,
33.0057

■ 47.4030, 26.3957,
26.1509

■ 45.3165, 23.8762,
20.3577

■ 43.9294, 22.5095,
15.5564

■ 43.5160, 22.1704,
13.9155

Harmonies

Analogous

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



77.8069, 75.0663, 96.8532



79.5695, 75.0663, 85.1584



79.0629, 75.0663, 73.5980

Triad

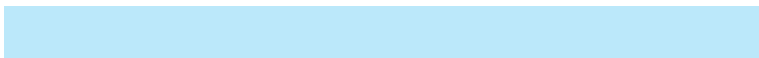
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5695, 75.0663, 85.1584



68.4476, 75.0663, 62.1956



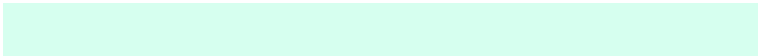
66.4800, 75.0663, 101.0482

Complementary

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



79.5695, 75.0663, 85.1584



79.0740, 92.0493, 95.2645

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.



64.1525, 75.0663, 90.4495



79.5695, 75.0663, 85.1584



65.2573, 75.0663, 68.2770

Square

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



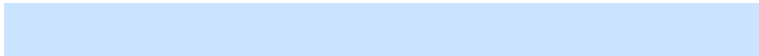
79.5695, 75.0663, 85.1584



72.5340, 75.0663, 61.0756



63.7138, 75.0663, 78.4035



70.1755, 75.0663, 106.5941

Rectangle

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



79.5695, 75.0663, 85.1584



77.5148, 75.0663, 67.4448



63.7138, 75.0663, 78.4035



65.5178, 75.0663, 97.9121

Sweetspot

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



79.5712, 75.0694, 85.1600



89.8898, 91.6425, 101.1288



77.5606, 73.5978, 104.7256



19.0903, 19.3733, 21.4180



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

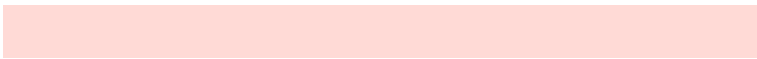
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5712, 75.0694, 85.1600



77.0967, 71.1290, 81.2257



78.4771, 76.3128, 74.2160



18.3028, 18.1044, 20.2117



22.8060, 11.6117, 7.6286



2.2722, 1.1513, 1.0151

Inverse Universe

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



79.5712, 75.0694, 85.1600



77.0967, 71.1290, 81.2257



80.2494, 90.4493, 107.8366



18.3028, 18.1044, 20.2117



22.8060, 11.6117, 7.6286



2.2722, 1.1513, 1.0151

Previews

White Background



This preview shows how the XYZ color 79.5695, 75.0663, 85.1584 looks on a white background.

Color Contrast Check

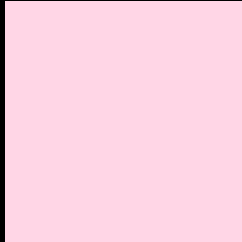
Large Text (above 18pt) WCAG AA × Fail

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 79.5695, 75.0663, 85.1584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

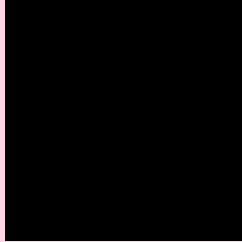
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5695, 75.0663, 85.1584

Background



This preview shows how black text looks on a background with the XYZ color 79.5695, 75.0663, 85.1584.



This preview shows how white text looks on a background with the XYZ color 79.5695, 75.0663,

85.1584.

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

79.5695, 75.0663, 85.1584

Protanopia

73.1600, 75.5362, 90.0809

Deuteranopia

76.8704, 75.2124, 84.5947



Tritanopia

79.7104, 75.1227, 85.9002

Trichromacy



Original Color

79.5695, 75.0663, 85.1584

Protanomaly

75.3695, 75.1314, 88.3713

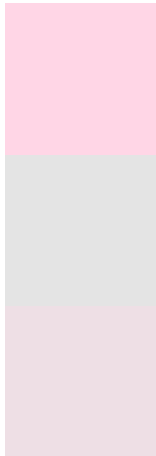
Deuteranomaly

78.0226, 75.4226, 84.5745

Tritanomaly

79.7104, 75.1227, 85.9002

Monochromacy



Original Color

79.5695, 75.0663, 85.1584

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.7904, 76.6096, 84.9213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5695, 75.0663, 85.1584 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, 214, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 230)  
}
```

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, 214, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 230) }
```

Border

The CSS property to change the border of an element to XYZ 79.5695, 75.0663, 85.1584 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, 214, 230) }
```


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

```
.border{ border-color:rgb(255, 214, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5695, 75.0663, 85.1584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 230) }
```

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

```
.background{ background-color: rgb(255,  
214, 230) }
```

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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