

Converting Colors

XYZ(86.8092, 75.8633, 83.9717)

Have a look what the booklet for
XYZ(86.8092, 75.8633, 83.9717)
contains.

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Color

**XYZ(77.4542, 71.0598,
83.7624)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCEE5
RGB	255, 206, 229
RGB Percent	100%, 81%, 90%
CMY	0.0000, 0.1921, 0.1020
CMYK	0.00, 0.19, 0.10, 0.00
HSL	332°, 100%, 90%
HSV	332°, 19%, 100%
XYZ	77.4542, 71.0598, 83.7624
YIQ	223.2730, 21.8210, 17.5410

Conversions

Conversions Part 2

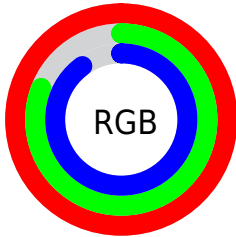
Format	Color
R _Y B	255, 206, 229
Decimal	16764645
CIE Lab	87.51, 20.84, -4.78
CIE LCh	88, 21.384, 347.072
Yxy	71.0598, 0.3335, 0.3059
Android (android.graphics.Color)	4294954725 (0xFFFFCEE5)
YUV	223.2730, 2.8234, 27.8246
Hunter-Lab	84.2970, 16.4906, 0.0939

Details

The XYZ color **77.4542, 71.0598, 83.7624** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7814, 90.4691, 89.8156**, and the grayscale version is **70.3045, 73.9658, 80.5488**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9953, 37.1950, 45.0104** is the 20% darker color. If you saturate the color by 10%, you get **69.9898, 59.0377, 72.3135**, and if you desaturate by 10%, it is **86.0650, 85.1384, 96.3219**.

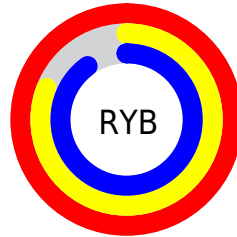
Distribution



Red (100%)

Green (81%)

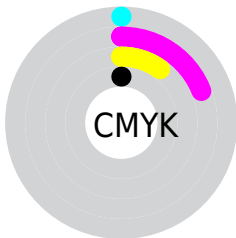
Blue (90%)



Red (100%)

Yellow (81%)

Blue (90%)

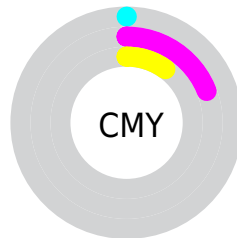


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4542, 71.0598, 83.7624 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 77.4542, 71.0598, 83.7624 by changing the saturation by 10% instead.

77.4542, 71.0598,
83.7624

77.4542, 71.0598,
83.7624

475.1795,
464.2625, 527.5613

57.9270, 52.3910,
62.2750

128.7499,
120.7189, 140.5015

41.9930, 37.3168,
44.8177

161.2490,
152.4779, 176.5904

29.2869, 25.4529,
30.9720

198.8028,
189.3692, 218.3834

19.4433, 16.4148,
20.3192

241.7767,
231.7771, 266.2993

12.0969, 9.8181,
12.4409

290.5359,
280.0859, 320.7565

6.8824, 5.2786,
6.9185

345.4459,

3.4343, 2.4116,

334.6802, 382.1735

3.3335

406.8719,
395.9442, 450.9689

■ 1.3874, 0.8319,
1.2674

■ 0.2472, 0.0000,
0.0348

■ 77.4542, 71.0598,
83.7624

■ 77.4542, 71.0598,
83.7624

■ 69.9898, 59.0377,
72.3135

■ 86.0650, 85.1384,
96.3219

■ 63.6157, 48.9661,
61.9373

95.0500, 100.0000,
108.9000

■ 58.2781, 40.7426,
52.5997

■ 53.9165, 34.2521,
44.2628

■ 50.4639, 29.3663,
36.8858

■ 47.8438, 25.9389,
30.4241

■ 45.9663, 23.7963,
24.8274

■ 44.6976, 22.6779,
20.0300

■ 44.6110, 22.6084,
19.6816

Harmonies

Analogous

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



74.9033, 71.0598, 97.9018



77.4542, 71.0598, 83.7624



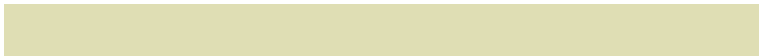
77.2552, 71.0598, 69.4909

Triad

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



77.4542, 71.0598, 83.7624



64.7291, 71.0598, 53.7146



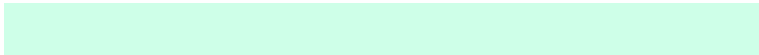
61.1398, 71.0598, 99.5752

Complementary

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



77.4542, 71.0598, 83.7624



75.7814, 90.4691, 89.8156

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.



58.6758, 71.0598, 85.8276



77.4542, 71.0598, 83.7624



60.6762, 71.0598, 59.9338

Square

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



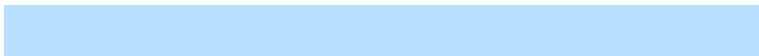
77.4542, 71.0598, 83.7624



69.7362, 71.0598, 53.3074



58.5105, 71.0598, 71.3153



65.3908, 71.0598, 107.7678

Rectangle

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



77.4542, 71.0598, 83.7624



75.5885, 71.0598, 61.7882



58.5105, 71.0598, 71.3153



60.0845, 71.0598, 95.3778

Sweetspot

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



77.4558, 71.0628, 83.7639



89.0820, 90.1117, 100.5977



73.1810, 68.4077, 103.9547



18.9338, 19.0674, 21.3440



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.



77.4558, 71.0628, 83.7639



74.4969, 66.2731, 79.2994



74.6512, 70.2563, 68.0227



18.3642, 18.1290, 20.5352



23.3842, 11.8430, 10.6736



2.3315, 1.1750, 1.3269

Inverse Universe

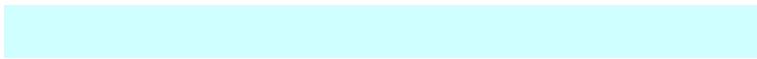
The Inverse Universe completely reimagines the original color for something new.



77.4558, 71.0628, 83.7639



74.4969, 66.2731, 79.2994



79.0053, 91.3428, 108.0746



18.3642, 18.1290, 20.5352



23.3842, 11.8430, 10.6736



2.3315, 1.1750, 1.3269

Previews

White Background



This preview shows how the XYZ color 77.4542, 71.0598, 83.7624 looks on a white background.

Color Contrast Check

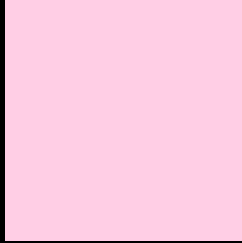
Large Text (above 18pt) WCAG AA × Fail

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 77.4542, 71.0598, 83.7624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

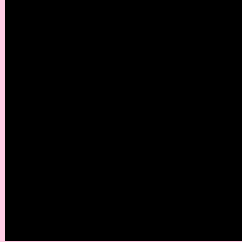
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4542, 71.0598, 83.7624

Background



This preview shows how black text looks on a background with the XYZ color 77.4542, 71.0598, 83.7624.



This preview shows how white text looks on a background with the XYZ color 77.4542, 71.0598,

83.7624.

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

77.4542, 71.0598, 83.7624

Protanopia

69.4251, 71.2590, 89.4521

Deuteranopia

72.7229, 71.1945, 83.3078



Tritanopia

76.5052, 71.0242, 79.4888

Trichromacy



Original Color

77.4542, 71.0598, 83.7624

Protanomaly

72.0333, 71.1321, 87.0241

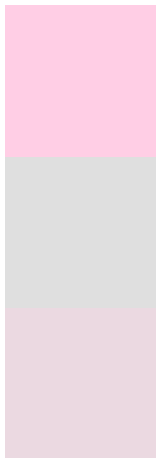
Deuteranomaly

74.3584, 70.9277, 83.1701

Tritanomaly

76.7765, 71.1327, 80.9176

Monochromacy



Original Color

77.4542, 71.0598, 83.7624

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.6644, 72.7241, 81.4415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4542, 71.0598, 83.7624 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, 206, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 229)  
}
```

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, 206, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 229) }
```

Border

The CSS property to change the border of an element to XYZ 77.4542, 71.0598, 83.7624 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, 206, 229) }
```


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

```
.border{ border-color:rgb(255, 206, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4542, 71.0598, 83.7624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 229) }
```

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

```
.background{ background-color: rgb(255,  
206, 229) }
```

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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