

Converting Colors

XYZ(89.1443, 77.3920, 73.9030)

Have a look what the booklet for
XYZ(89.1443, 77.3920, 73.9030)
contains.

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Color

**XYZ(75.4489, 70.2577,
73.2028)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCED6
RGB	255, 206, 214
RGB Percent	100%, 81%, 84%
CMY	0.0000, 0.1921, 0.1608
CMYK	0.00, 0.19, 0.16, 0.00
HSL	350°, 100%, 90%
HSV	350°, 19%, 100%
XYZ	75.4489, 70.2577, 73.2028
YIQ	221.5630, 26.6360, 12.8760

Conversions

Conversions Part 2

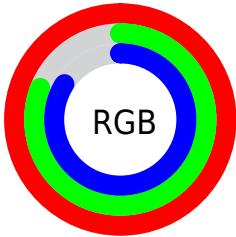
Format	Color
R _Y B	255, 206, 214
Decimal	16764630
CIE _{Lab}	87.12, 18.46, 2.59
CIE _{LCh}	87, 18.643, 7.989
Y _{xy}	70.2577, 0.3447, 0.3209
Android (android.graphics.Color)	4294954710 (0xFFFFCED6)
Y _{UV}	221.5630, -3.7286, 29.3242
Hunter-Lab	83.8199, 13.9887, 6.8939

Details

The XYZ color **75.4489, 70.2577, 73.2028** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0046, 91.3584, 101.5223**, and the grayscale version is **69.1369, 72.7374, 79.2110**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7749, 36.9654, 37.7869** is the 20% darker color. If you saturate the color by 10%, you get **67.2517, 57.9425, 57.8945**, and if you desaturate by 10%, it is **85.0024, 84.7135, 90.7264**.

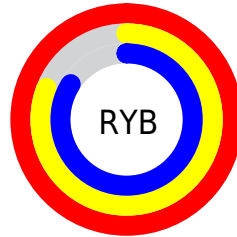
Distribution



Red (100%)

Green (81%)

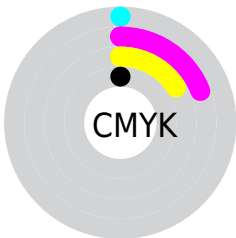
Blue (84%)



Red (100%)

Yellow (81%)

Blue (84%)

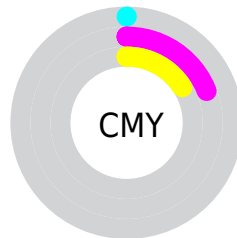


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4489, 70.2577, 73.2028 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 75.4489, 70.2577, 73.2028 by changing the saturation by 10% instead.


 75.4489, 70.2577,
73.2028

 75.4489, 70.2577,
73.2028

468.4325,
461.4543, 490.8070

 56.2762, 51.7367,
53.6490


125.9321,
119.5762, 125.4887

 40.6623, 36.7952,
37.9298


157.9733,
151.1424, 159.0578

 28.2418, 25.0490,
25.6268

195.0347,
187.8258, 198.1357

 18.6494, 16.1135,
16.3214

237.4817,
230.0108, 243.1410

 11.5197, 9.6045,
9.5951

285.6797,
278.0817, 294.4923

 6.4874, 5.1375,
5.0292

339.9939,

 3.1871, 2.3282,

332.4230, 352.6080

2.2054

400.7897,
393.4191, 417.9067

■ 1.2535, 0.7886,
0.6775

■ 0.1480, 0.0000,
0.0000

■ 75.4489, 70.2577,
73.2028

■ 75.4489, 70.2577,
73.2028

■ 67.2517, 57.9425,
57.8945

■ 85.0024, 84.7135,
90.7264

■ 60.3440, 47.6574,
44.7085

95.0500, 100.0000,
108.9000

■ 54.6609, 39.2958,
33.5518

■ 50.1299, 32.7375,
24.3227

■ 46.6706, 27.8490,
16.9105

■ 44.1919, 24.4782,
11.1931

■ 42.5871, 22.4447,
7.0327

■ 41.7032, 21.4801,
4.2617

■ 41.6510, 21.4244,
4.0944

Harmonies

Analogous

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



74.8745, 70.2577, 85.8763



75.4489, 70.2577, 73.2028



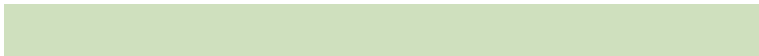
73.6212, 70.2577, 62.6228

Triad

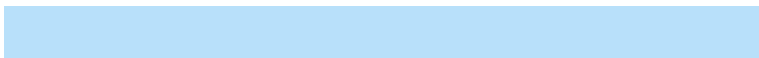
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4489, 70.2577, 73.2028



61.7385, 70.2577, 59.0577



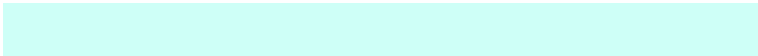
63.6780, 70.2577, 101.0471

Complementary

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



75.4489, 70.2577, 73.2028



78.0046, 91.3584, 101.5223

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.



60.3723, 70.2577, 92.2864



75.4489, 70.2577, 73.2028



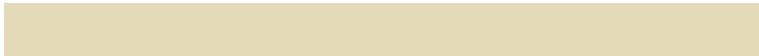
59.2870, 70.2577, 67.8299

Square

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



75.4489, 70.2577, 73.2028



65.6169, 70.2577, 55.0576



58.7980, 70.2577, 79.8921



67.9524, 70.2577, 102.8885

Rectangle

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



75.4489, 70.2577, 73.2028



71.3315, 70.2577, 57.8546



58.7980, 70.2577, 79.8921



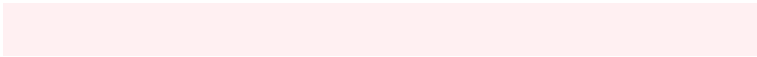
62.4222, 70.2577, 98.7710

Sweetspot

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



75.4506, 70.2607, 73.2043



88.3684, 89.8263, 96.8401



78.4222, 71.1097, 104.2000



18.7655, 19.0001, 20.4576



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

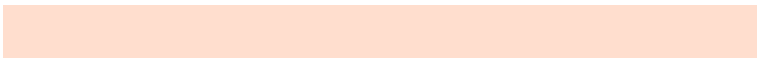
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4506, 70.2607, 73.2043



72.1899, 65.3503, 67.1512



78.5924, 78.1386, 69.3365



18.1303, 18.0354, 19.3031



21.7989, 11.2088, 2.3254



2.1551, 1.1044, 0.3984

Inverse Universe

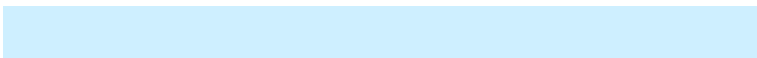
The Inverse Universe completely reimagines the original color for something new.



75.4506, 70.2607, 73.2043



72.1899, 65.3503, 67.1512



74.2749, 81.8819, 106.4978



18.1303, 18.0354, 19.3031



21.7989, 11.2088, 2.3254



2.1551, 1.1044, 0.3984

Previews

White Background



This preview shows how the XYZ color 75.4489, 70.2577, 73.2028 looks on a white background.

Color Contrast Check

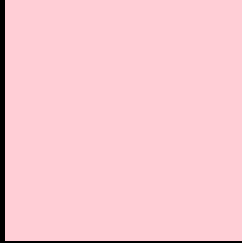
Large Text (above 18pt) WCAG AA × Fail

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 75.4489, 70.2577, 73.2028 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 75.4489, 70.2577, 73.2028

Background



This preview shows how black text looks on a background with the XYZ color 75.4489, 70.2577, 73.2028.



This preview shows how white text looks on a background with the XYZ color 75.4489, 70.2577,

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

75.4489, 70.2577, 73.2028

Protanopia

67.9882, 70.3758, 78.4071

Deuteranopia

71.9225, 70.2699, 72.7235



Tritanopia

76.1225, 70.1431, 77.9335

Trichromacy



Original Color

75.4489, 70.2577, 73.2028

Protanomaly

70.3808, 70.1429, 76.1591

Deuteranomaly

73.1685, 70.1792, 72.6403

Tritanomaly

75.7262, 69.9846, 75.8468

Monochromacy



Original Color

75.4489, 70.2577, 73.2028

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.2737, 71.7186, 77.1044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4489, 70.2577, 73.2028 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 214) }
```

Border

The CSS property to change the border of an element to XYZ 75.4489, 70.2577, 73.2028 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, 214) }
```


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

```
.border{ border-color:rgb(255, 206, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4489, 70.2577, 73.2028 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
206, 214) }
```

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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