

Converting Colors

XYZ(77.5182, 73.3034, 77.2616)

Have a look what the booklet for
XYZ(77.5182, 73.3034, 77.2616)
contains.

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Color

**XYZ(77.5697, 73.4614,
77.1089)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4DB
RGB	255, 212, 219
RGB Percent	100%, 83%, 86%
CMY	0.0000, 0.1686, 0.1412
CMYK	0.00, 0.17, 0.14, 0.00
HSL	350°, 100%, 92%
HSV	350°, 17%, 100%
XYZ	77.5697, 73.4614, 77.1089
YIQ	225.6550, 23.3810, 11.2930

Conversions

Conversions Part 2

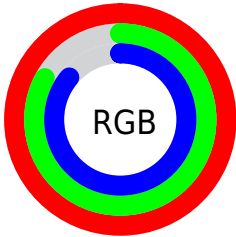
Format	Color
R _Y B	255, 212, 219
Decimal	16766171
CIE Lab	88.67, 16.10, 2.19
CIE LCh	89, 16.252, 7.748
Yxy	73.4614, 0.3400, 0.3220
Android (android.graphics.Color)	4294956251 (0xFFFFD4DB)
YUV	225.6550, -3.2809, 25.7356
Hunter-Lab	85.7096, 11.5558, 6.6563

Details

The XYZ color **77.5697, 73.4614, 77.1089** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.8571, 92.2955, 102.4165**, and the grayscale version is **72.0522, 75.8045, 82.5511**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0465, 38.8000, 40.3950** is the 20% darker color. If you saturate the color by 10%, you get **69.0584, 60.6525, 61.2823**, and if you desaturate by 10%, it is **87.4515, 88.4340, 95.1731**.

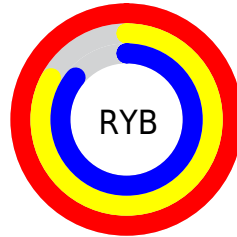
Distribution



Red (100%)

Green (83%)

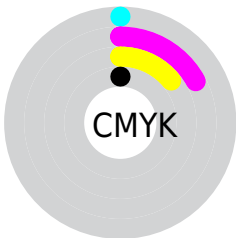
Blue (86%)



Red (100%)

Yellow (83%)

Blue (86%)

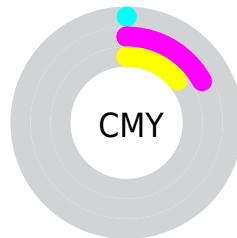


Cyan (0%)

Magenta (17%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.5697, 73.4614, 77.1089 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 77.5697, 73.4614, 77.1089 by changing the saturation by 10% instead.


 77.5697, 73.4614,
77.1089

 77.5697, 73.4614,
77.1089

475.5664,
472.6124, 504.5828

 58.0221, 54.3533,
56.8302


128.9119,
124.1320, 131.0676

 42.0698, 38.8842,
40.4604


161.4373,
156.4633, 165.5847

 29.3473, 26.6697,
27.5812


199.0193,
193.9712, 205.6849

 19.4893, 17.3253,
17.7739

242.0233,
237.0400, 251.7869

 12.1304, 10.4667,
10.6200

290.8147,
286.0541, 304.3091

 6.9054, 5.7095,
5.7010

345.7588,

 3.4488, 2.6692,

341.3980, 363.6701

2.5983

407.2209,
403.4559, 430.2885

■ 1.3953, 0.9616,
0.8916

■ 0.2529, 0.0000,
0.0000

■ 77.5697, 73.4614,
77.1089

■ 77.5697, 73.4614,
77.1089

■ 69.0584, 60.6525,
61.2823

■ 87.4515, 88.4340,
95.1731

■ 61.8521, 49.8983,
47.6012

95.0500, 100.0000,
108.9000

■ 55.8868, 41.0943,
35.9741

■ 51.0916, 34.1232,
26.3010

■ 47.3881, 28.8548,
18.4733

■ 44.6881, 25.1421,
12.3716

■ 42.8892, 22.8125,
7.8620

■ 41.8644, 21.6488,
4.7895

■ 41.6489, 21.4235,
4.0830

Harmonies

Analogous

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



77.0420, 73.4614, 88.4527



77.5697, 73.4614, 77.1089



75.9609, 73.4614, 67.4735

Triad

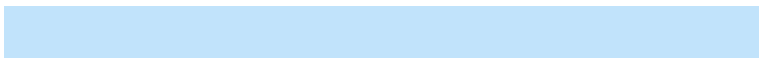
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.5697, 73.4614, 77.1089



65.3046, 73.4614, 64.0874



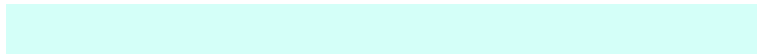
67.0042, 73.4614, 101.7012

Complementary

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



77.5697, 73.4614, 77.1089



79.8571, 92.2955, 102.4165

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.



64.0247, 73.4614, 93.9592



77.5697, 73.4614, 77.1089



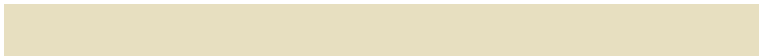
63.0694, 73.4614, 72.0794

Square

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



77.5697, 73.4614, 77.1089



68.8105, 73.4614, 60.4280



62.6098, 73.4614, 82.9358



70.8450, 73.4614, 103.3676

Rectangle

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



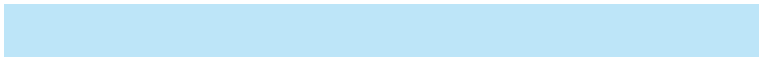
77.5697, 73.4614, 77.1089



73.9275, 73.4614, 63.0676



62.6098, 73.4614, 82.9358



65.8730, 73.4614, 99.6902

Sweetspot

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



77.5713, 73.4645, 77.1104



89.4451, 91.4646, 98.7867



80.2476, 74.2361, 104.7072



18.9825, 19.3302, 20.8502



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

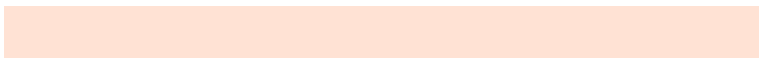
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5713, 73.4645, 77.1104



74.7542, 69.2143, 71.9044



80.4126, 80.5901, 73.6085



18.1299, 18.0353, 19.3012



21.7977, 11.2084, 2.3191



2.1550, 1.1044, 0.3975

Inverse Universe

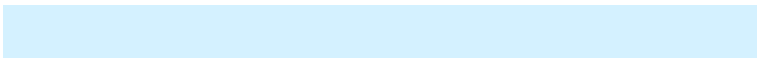
The Inverse Universe completely reimagines the original color for something new.



77.5713, 73.4645, 77.1104



74.7542, 69.2143, 71.9044



76.5604, 83.9325, 106.7732



18.1299, 18.0353, 19.3012



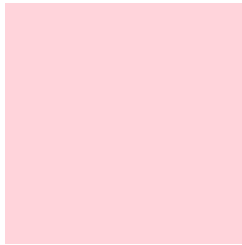
21.7977, 11.2084, 2.3191



2.1550, 1.1044, 0.3975

Previews

White Background



This preview shows how the XYZ color 77.5697, 73.4614, 77.1089 looks on a white background.

Color Contrast Check

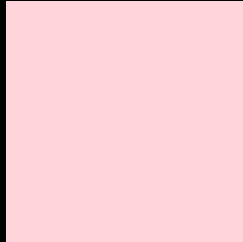
Large Text (above 18pt) WCAG AA × Fail

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 77.5697, 73.4614, 77.1089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

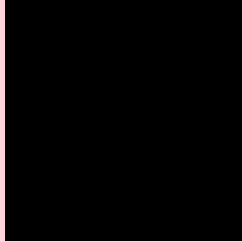
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5697, 73.4614, 77.1089

Background



This preview shows how black text looks on a background with the XYZ color 77.5697, 73.4614, 77.1089.

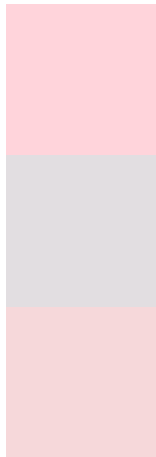


This preview shows how white text looks on a background with the XYZ color 77.5697, 73.4614,

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

77.5697, 73.4614, 77.1089

Protanopia

71.0759, 73.8475, 81.7421

Deuteranopia

75.2168, 73.7665, 76.6037



Tritanopia

78.3994, 73.3946, 82.7075

Trichromacy



Original Color

77.5697, 73.4614, 77.1089

Protanomaly

73.3157, 73.4750, 80.1300

Deuteranomaly

76.0222, 73.8026, 76.5682

Tritanomaly

77.9888, 73.2303, 80.5454

Monochromacy



Original Color

77.5697, 73.4614, 77.1089

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.1008, 75.0451, 80.3917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5697, 73.4614, 77.1089 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, 212, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 219)  
}
```

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, 212, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 219) }
```

Border

The CSS property to change the border of an element to XYZ 77.5697, 73.4614, 77.1089 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, 212, 219) }
```


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

```
.border{ border-color:rgb(255, 212, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5697, 73.4614, 77.1089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 219) }
```

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

```
.background{ background-color: rgb(255,  
212, 219) }
```

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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