

Converting Colors

XYZ(100.0863, 86.8454,
72.0584)

Have a look what the booklet for
XYZ(100.0863, 86.8454, 72.0584)
contains.

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Color

**XYZ(77.3045, 74.9752,
70.7189)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8D1
RGB	255, 216, 209
RGB Percent	100%, 85%, 82%
CMY	0.0000, 0.1529, 0.1804
CMYK	0.00, 0.15, 0.18, 0.00
HSL	9°, 100%, 91%
HSV	9°, 18%, 100%
XYZ	77.3045, 74.9752, 70.7189
YIQ	226.8630, 25.4910, 6.0910

Conversions

Conversions Part 2

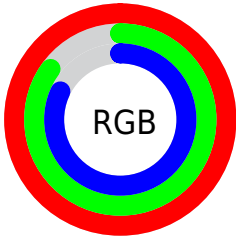
Format	Color
R _Y B	255, 217, 209
Decimal	16767185
CIE Lab	89.38, 12.49, 8.49
CIE LCh	89, 15.104, 34.198
Yxy	74.9752, 0.3467, 0.3362
Android (android.graphics.Color)	4294957265 (0xFFFFD8D1)
YUV	226.8630, -8.8065, 24.6761
Hunter-Lab	86.5882, 7.8324, 12.1880

Details

The XYZ color **77.3045, 74.9752, 70.7189** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.9109, 87.9075, 107.4692**, and the grayscale version is **72.9647, 76.7645, 83.5966**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9500, 39.8621, 36.4935** is the 20% darker color. If you saturate the color by 10%, you get **69.2181, 63.4569, 53.6742**, and if you desaturate by 10%, it is **86.6284, 88.1592, 90.6709**.

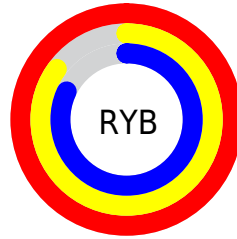
Distribution



Red (100%)

Green (85%)

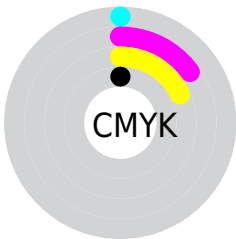
Blue (82%)



Red (100%)

Yellow (85%)

Blue (82%)

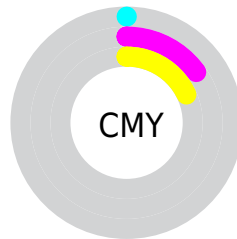


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.3045, 74.9752, 70.7189 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 77.3045, 74.9752, 70.7189 by changing the saturation by 10% instead.


 77.3045, 74.9752,
70.7189

 77.3045, 74.9752,
70.7189

474.6776,
477.8323, 481.9273

 57.8036, 55.5926,
51.6324


128.5398,
126.2773, 121.9241

 41.8934, 39.8764,
36.3319


161.0049,
158.9655, 154.8799

 29.2086, 27.4422,
24.3989


198.5221,
196.8577, 193.2959

 19.3838, 17.9056,
15.4149

241.4569,
240.3383, 237.5905

 12.0535, 10.8822,
8.9612

290.1744,
289.7916, 288.1825

 6.8526, 5.9877,
4.6194

345.0402,

 3.4156, 2.8376,

345.6022, 345.4903

1.9710

406.4194,
408.1543, 409.9324

■ 1.3772, 1.0475,
0.5373

■ 0.2399, 0.0000,
0.0000

■ 77.3045, 74.9752,
70.7189

■ 77.3045, 74.9752,
70.7189

■ 69.2181, 63.4569,
53.6742

■ 86.6284, 88.1592,
90.6709

■ 62.3117, 53.5286,
39.3964

95.0500, 100.0000,
108.9000

■ 56.5309, 45.1230,
27.7403

■ 51.8153, 38.1644,
18.5459

■ 48.0984, 32.5703,
11.6352

■ 45.3060, 28.2499,
6.8065

■ 43.3532, 25.1012,
3.8222

■ 42.1339, 23.0039,
2.3631

■ 41.9600, 22.7000,
2.1700

Harmonies

Analogous

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



78.5890, 74.9752, 80.1541



77.3045, 74.9752, 70.7189



74.4009, 74.9752, 64.6437

Triad

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



77.3045, 74.9752, 70.7189



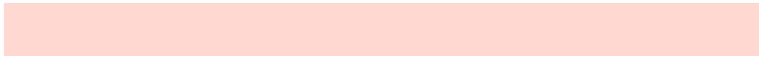
65.0514, 74.9752, 73.0905



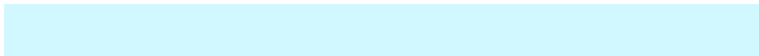
71.7833, 74.9752, 103.6693

Complementary

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



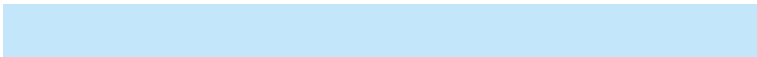
77.3045, 74.9752, 70.7189



77.9109, 87.9075, 107.4692

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.



68.2121, 74.9752, 101.3703



77.3045, 74.9752, 70.7189



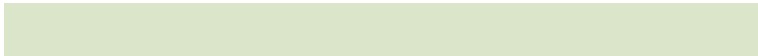
64.4046, 74.9752, 83.1345

Square

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



77.3045, 74.9752, 70.7189



67.3404, 74.9752, 65.9277



65.5423, 74.9752, 93.6209



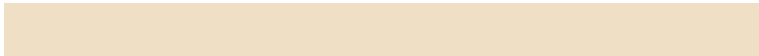
75.3323, 74.9752, 99.6584

Rectangle

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



77.3045, 74.9752, 70.7189



71.9828, 74.9752, 63.0097



65.5423, 74.9752, 93.6209



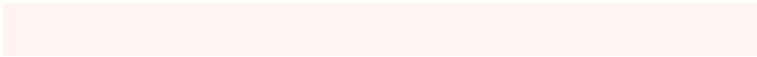
70.5454, 74.9752, 103.6110

Sweetspot

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



77.3063, 74.9784, 70.7205



89.7130, 92.5025, 97.3278



80.9997, 73.6453, 98.8343



19.0473, 19.5813, 20.4973



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

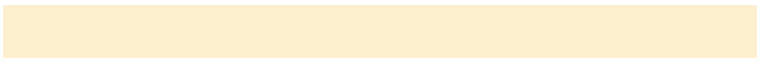
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3063, 74.9784, 70.7205



73.9575, 70.2194, 63.6277



83.5862, 87.5383, 72.8138



18.2326, 18.4334, 18.7414



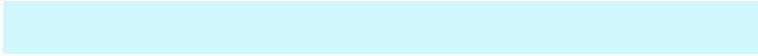
21.9912, 11.9936, 1.1559



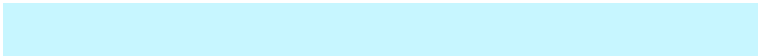
2.2035, 1.2924, 0.1333

Inverse Universe

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



77.9109, 87.9075, 107.4692



74.6716, 85.5384, 107.1827



71.2975, 74.6806, 105.2648



18.3054, 19.9823, 23.1421



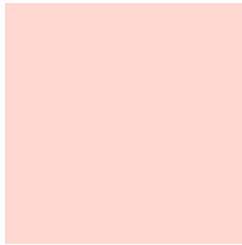
22.3742, 29.6579, 53.9799



2.2394, 3.0096, 5.2761

Previews

White Background



This preview shows how the XYZ color 77.3045, 74.9752, 70.7189 looks on a white background.

Color Contrast Check

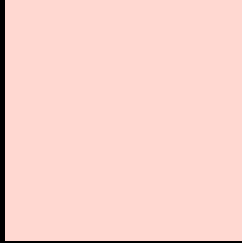
Large Text (above 18pt) WCAG AA × Fail

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 77.3045, 74.9752, 70.7189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

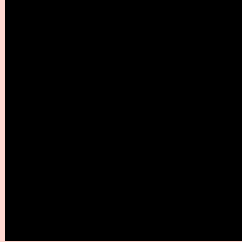
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

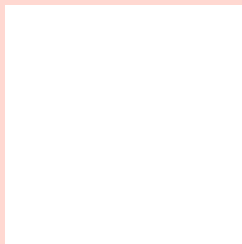
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.3045, 74.9752, 70.7189

Background



This preview shows how black text looks on a background with the XYZ color 77.3045, 74.9752, 70.7189.

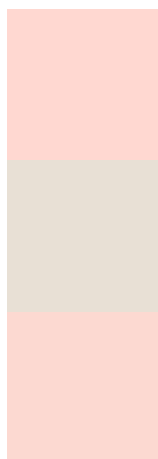


This preview shows how white text looks on a background with the XYZ color 77.3045, 74.9752,

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

77.3045, 74.9752, 70.7189

Protanopia

71.9446, 75.2712, 73.6877

Deuteranopia

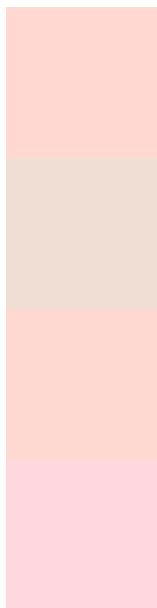
76.4664, 74.9246, 70.7533



Tritanopia

79.4294, 75.0103, 84.4208

Trichromacy



Original Color

77.3045, 74.9752, 70.7189

Protanomaly

73.6753, 74.9916, 72.8791

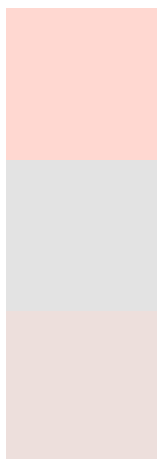
Deuteranomaly

76.8295, 75.1118, 70.7703

Tritanomaly

78.7253, 75.1348, 79.4604

Monochromacy



Original Color

77.3045, 74.9752, 70.7189

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.2310, 75.9472, 78.4570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3045, 74.9752, 70.7189 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, 216, 209) looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 209)  
}
```

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, 216, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 209) }
```

Border

The CSS property to change the border of an element to XYZ 77.3045, 74.9752, 70.7189 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, 216, 209) }
```


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

```
.border{ border-color:rgb(255, 216, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3045, 74.9752, 70.7189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 209) }
```

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

```
.background{ background-color: rgb(255,  
216, 209) }
```

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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