

Converting Colors

XYZ(89.2473, 79.1506, 64.3566)

Have a look what the booklet for
XYZ(89.2473, 79.1506, 64.3566)
contains.

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Color

**XYZ(74.5954, 71.4767,
63.8976)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2C7
RGB	255, 210, 199
RGB Percent	100%, 82%, 78%
CMY	0.0000, 0.1764, 0.2196
CMYK	0.00, 0.18, 0.22, 0.00
HSL	12°, 100%, 89%
HSV	12°, 22%, 100%
XYZ	74.5954, 71.4767, 63.8976
YIQ	222.2010, 30.3510, 6.1190

Conversions

Conversions Part 2

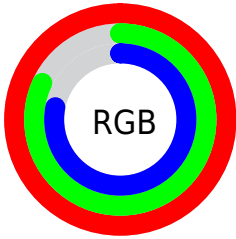
Format	Color
R _Y B	255, 213, 199
Decimal	16765639
CIE Lab	87.72, 14.15, 11.38
CIE LCh	88, 18.159, 38.791
Yxy	71.4767, 0.3553, 0.3404
Android (android.graphics.Color)	4294955719 (0xFFFFD2C7)
YUV	222.2010, -11.4381, 28.7647
Hunter-Lab	84.5439, 9.5436, 14.3698

Details

The XYZ color **74.5954, 71.4767, 63.8976** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9529, 84.0609, 106.9354**, and the grayscale version is **69.6379, 73.2645, 79.7851**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1209, 37.4928, 31.9103** is the 20% darker color. If you saturate the color by 10%, you get **67.1406, 60.9148, 48.0091**, and if you desaturate by 10%, it is **83.1975, 83.5386, 82.6178**.

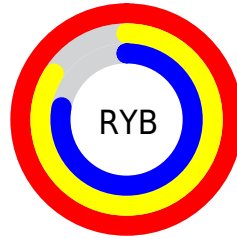
Distribution



Red (100%)

Green (82%)

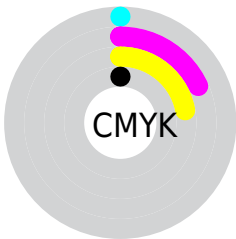
Blue (78%)



Red (100%)

Yellow (84%)

Blue (78%)

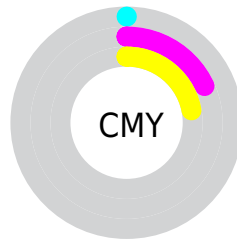


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5954, 71.4767, 63.8976 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 74.5954, 71.4767, 63.8976 by changing the saturation by 10% instead.

 74.5954, 71.4767,
63.8976

 74.5954, 71.4767,
63.8976


465.5444,
465.7181, 457.0171

 55.5745, 52.7313,
46.1221

124.7304,
121.3122, 112.0615

 40.0975, 37.5883,
31.9928

156.5753,
153.1712, 143.2870

 27.7991, 25.6633,
21.0912


193.4255,
190.1701, 179.8328

 18.3140, 16.5719,
12.9988

235.6464,
232.6934, 222.1176

 11.2767, 9.9298,
7.2970

283.6034,
281.1254, 270.5599

 6.3219, 5.3524,
3.5673

337.6618,

 3.0843, 2.4555,

335.8507, 325.5782

1.3911

398.1870,
397.2534, 387.5911

■ 1.1985, 0.8542,
0.1348

■ 0.1052, 0.0000,
0.0000

■ 74.5954, 71.4767,
63.8976

■ 74.5954, 71.4767,
63.8976

■ 67.1406, 60.9148,
48.0091

■ 83.1975, 83.5386,
82.6178

■ 60.7787, 51.7847,
34.8097

■ 92.9877, 97.1465,
104.2939

■ 55.4588, 44.0272,
24.1508

■ 95.0500, 100.0000,
108.9000

■ 51.1236, 37.5747,
15.8678

■ 47.7100, 32.3544,
9.7764

■ 45.1473, 28.2855,
5.6651

■ 43.3533, 25.2774,
3.2795

■ 42.3854, 23.5508,
2.3118

Harmonies

Analogous

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



76.4505, 71.4767, 74.2584



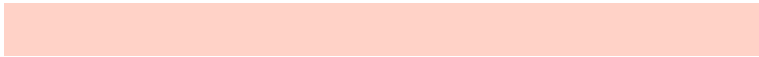
74.5954, 71.4767, 63.8976



70.9755, 71.4767, 57.7494

Triad

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



74.5954, 71.4767, 63.8976



60.5073, 71.4767, 69.5601



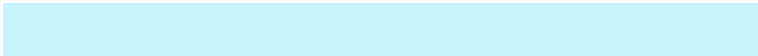
69.2096, 71.4767, 103.6863

Complementary

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



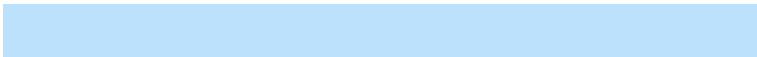
74.5954, 71.4767, 63.8976



73.9529, 84.0609, 106.9354

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.



64.9854, 71.4767, 102.0875



74.5954, 71.4767, 63.8976



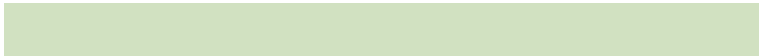
60.0793, 71.4767, 81.5061

Square

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



74.5954, 71.4767, 63.8976



62.8810, 71.4767, 60.7705



61.6861, 71.4767, 93.6442



73.2559, 71.4767, 97.8067

Rectangle

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



74.5954, 71.4767, 63.8976



68.1112, 71.4767, 56.4474



61.6861, 71.4767, 93.6442



67.7620, 71.4767, 104.0175

Sweetspot

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



74.5971, 71.4799, 63.8991



87.9021, 90.0914, 92.9922



78.1046, 68.6839, 95.3139



18.6887, 19.1082, 19.6255



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

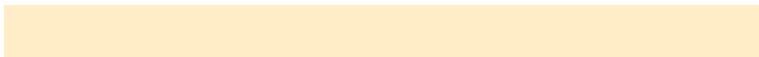
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5971, 71.4799, 63.8991



71.4498, 67.0351, 57.1468



81.9106, 86.1068, 66.3369



18.2983, 18.5648, 18.7633



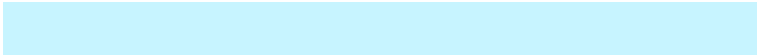
22.2287, 12.4686, 1.2351



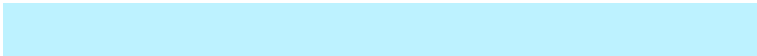
2.2361, 1.3576, 0.1442

Inverse Universe

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



73.9529, 84.0609, 106.9354



70.7054, 81.4874, 106.6098



66.3480, 68.8512, 104.4004



18.2337, 19.8391, 23.1183



20.9321, 26.7737, 53.4992



2.1119, 2.7544, 5.2336

Previews

White Background



This preview shows how the XYZ color 74.5954, 71.4767, 63.8976 looks on a white background.

Color Contrast Check

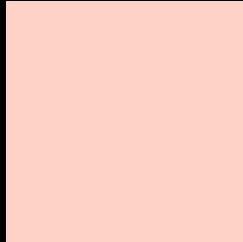
Large Text (above 18pt) WCAG AA × Fail

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 74.5954, 71.4767, 63.8976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

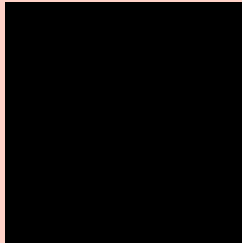
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5954, 71.4767, 63.8976

Background



This preview shows how black text looks on a background with the XYZ color 74.5954, 71.4767, 63.8976.

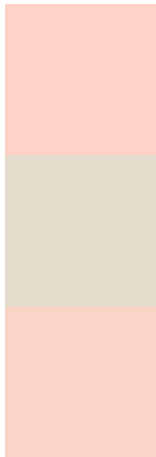


This preview shows how white text looks on a background with the XYZ color 74.5954, 71.4767,

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

74.5954, 71.4767, 63.8976

Protanopia

68.2255, 71.5166, 67.3350

Deuteranopia

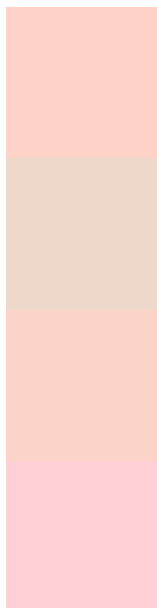
72.9192, 71.3502, 63.9615



Tritanopia

76.9807, 71.6457, 78.8789

Trichromacy



Original Color

74.5954, 71.4767, 63.8976

Protanomaly

70.4764, 71.5531, 65.9737

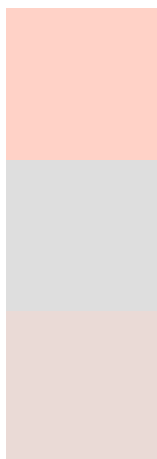
Deuteranomaly

73.3867, 71.2213, 63.9120

Tritanomaly

76.1781, 71.7160, 73.4459

Monochromacy



Original Color

74.5954, 71.4767, 63.8976

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.1407, 72.4903, 73.8608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5954, 71.4767, 63.8976 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, 210, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 199)  
}
```

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, 210, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 199) }
```

Border

The CSS property to change the border of an element to XYZ 74.5954, 71.4767, 63.8976 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, 210, 199) }
```


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

```
.border{ border-color:rgb(255, 210, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5954, 71.4767, 63.8976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 199) }
```

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

```
.background{ background-color: rgb(255,  
210, 199) }
```

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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