

Converting Colors

XYZ(123.9397, 100.0000,
57.6866)

Have a look what the booklet for
XYZ(123.9397, 100.0000, 57.6866)
contains.

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Color

**XYZ(74.8586, 74.8217,
55.2963)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAB7
RGB	255, 218, 183
RGB Percent	100%, 85%, 72%
CMY	0.0000, 0.1451, 0.2823
CMYK	0.00, 0.15, 0.28, 0.00
HSL	29°, 100%, 86%
HSV	29°, 28%, 100%
XYZ	74.8586, 74.8217, 55.2963
YIQ	225.0730, 33.2870, -3.0410

Conversions

Conversions Part 2

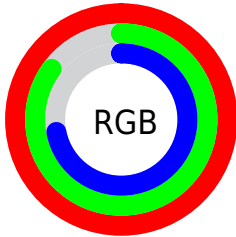
Format	Color
R_{YB}	255, 251, 183
Decimal	16767671
CIE _{Lab}	89.31, 7.83, 22.00
CIE _{LCh}	89, 23.352, 70.416
Yxy	74.8217, 0.3652, 0.3650
Android (android.graphics.Color)	4294957751 (0xFFFFDAB7)
YUV	225.0730, -20.7420, 26.2460
Hunter-Lab	86.4995, 3.1036, 22.6475

Details

The XYZ color **74.8586, 74.8217, 55.2963** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.1709, 68.4715, 104.4946**, and the grayscale version is **71.7498, 75.4864, 82.2047**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **40.1524, 39.6764, 26.6611** is the 20% darker color. If you saturate the color by 10%, you get **69.1772, 67.3283, 41.4730**, and if you desaturate by 10%, it is **81.2934, 83.0515, 71.7446**.

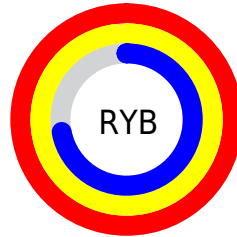
Distribution



Red (100%)

Green (85%)

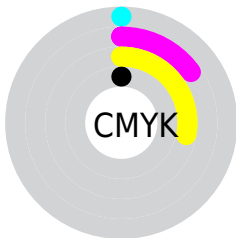
Blue (72%)



Red (100%)

Yellow (98%)

Blue (72%)

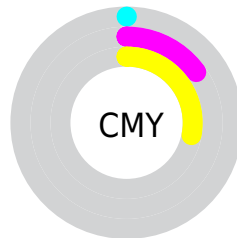


Cyan (0%)

Magenta (15%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8586, 74.8217, 55.2963 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 74.8586, 74.8217, 55.2963 by changing the saturation by 10% instead.


 74.8586, 74.8217,
55.2963

 74.8586, 74.8217,
55.2963


466.4361,
477.3045, 424.3477

 55.7908, 55.4668,
39.2388


 125.1012,
126.0599, 99.4504

 40.2716, 39.7756,
26.6363


157.0067,
158.7121, 128.3842

 27.9355, 27.3636,
17.0702


193.9221,
196.5655, 162.4470

 18.4173, 17.8465,
10.1221

236.2129,
240.0045, 202.0576

 11.3515, 10.8398,
5.3733

284.2443,
289.4135, 247.6344

 6.3728, 5.9592,
2.4054

338.3817,

 3.1159, 2.8203,

345.1769, 299.5960

0.7894

398.9905,
407.6791, 358.3609

■ 1.2153, 1.0387,
0.0000

■ 0.1184, 0.0000,
0.0000

■ 74.8586, 74.8217,
55.2963

■ 74.8586, 74.8217,
55.2963

■ 69.1772, 67.3283,
41.4730

■ 81.2934, 83.0515,
71.7446

■ 64.2112, 60.5384,
30.1312

■ 88.5057, 92.0290,
90.9419

■ 59.9277, 54.4311,
21.1206

95.0500, 100.0000,
108.9000

■ 56.2884, 48.9804,
14.2724

■ 53.2505, 44.1583,
9.3946

■ 50.7640, 39.9330,
6.2607

■ 48.7628, 36.2661,
4.5592

■ 48.4449, 35.6697,
4.3316

Harmonies

Analogous

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



79.8039, 74.8217, 62.7407



74.8586, 74.8217, 55.2963



69.1499, 74.8217, 54.2980

Triad

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



74.8586, 74.8217, 55.2963



60.8578, 74.8217, 87.2842



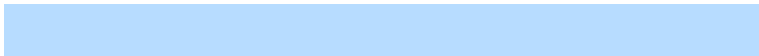
78.4717, 74.8217, 107.8207

Complementary

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



74.8586, 74.8217, 55.2963



63.1709, 68.4715, 104.4946

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.



73.1186, 74.8217, 116.4597



74.8586, 74.8217, 55.2963



63.0823, 74.8217, 103.5942

Square

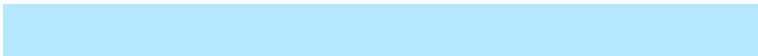
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8586, 74.8217, 55.2963



61.2680, 74.8217, 71.3794



67.4998, 74.8217, 114.8172



81.9660, 74.8217, 92.4653

Rectangle

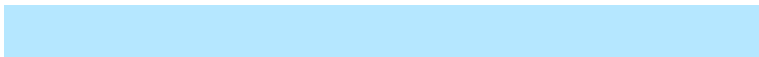
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8586, 74.8217, 55.2963



65.7025, 74.8217, 57.2558



67.4998, 74.8217, 114.8172



76.8185, 74.8217, 111.6937

Sweetspot

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



74.8605, 74.8251, 55.2978



88.6845, 92.2487, 91.4262



71.1188, 60.3057, 75.7415



18.7384, 19.4449, 18.9100



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.



74.8605, 74.8251, 55.2978



71.4943, 70.4153, 47.0158



85.1658, 95.4357, 58.7329



18.7384, 19.4449, 18.9100



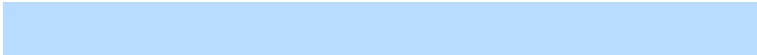
25.4617, 18.9346, 2.3128



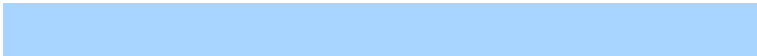
2.5880, 2.0613, 0.2615

Inverse Universe

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



63.1709, 68.4715, 104.4946



58.0183, 63.0896, 103.7274



54.7613, 51.6524, 101.6914



17.7749, 18.9213, 22.9653



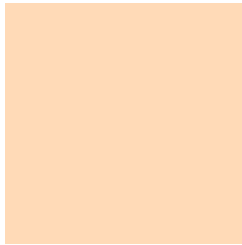
13.8242, 12.5580, 51.1299



1.4554, 1.4415, 5.0148

Previews

White Background



This preview shows how the XYZ color 74.8586, 74.8217, 55.2963 looks on a white background.

Color Contrast Check

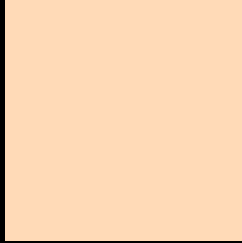
Large Text (above 18pt) WCAG AA × Fail

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 74.8586, 74.8217, 55.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

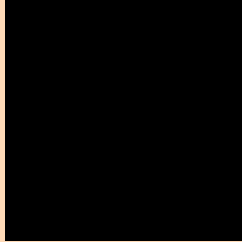
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8586, 74.8217, 55.2963

Background



This preview shows how black text looks on a background with the XYZ color 74.8586, 74.8217, 55.2963.



This preview shows how white text looks on a background with the XYZ color 74.8586, 74.8217,

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

74.8586, 74.8217, 55.2963

Protanopia

70.4436, 74.8610, 57.1912

Deuteranopia

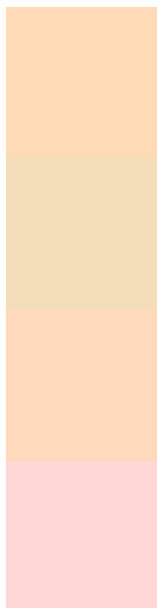
75.4568, 74.6473, 59.7216



Tritanopia

79.2902, 74.9546, 83.6874

Trichromacy



Original Color

74.8586, 74.8217, 55.2963

Protanomaly

72.1865, 74.9784, 56.5666

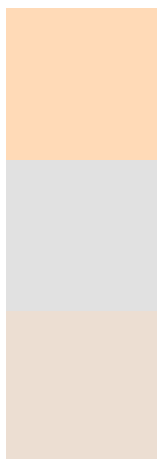
Deuteranomaly

75.1300, 74.5165, 58.0003

Tritanomaly

77.4241, 74.6143, 72.6087

Monochromacy



Original Color

74.8586, 74.8217, 55.2963

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.3462, 74.7286, 71.5838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8586, 74.8217, 55.2963 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, 218, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 183)  
}
```

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, 218, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 183) }
```

Border

The CSS property to change the border of an element to XYZ 74.8586, 74.8217, 55.2963 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, 218, 183) }
```


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

```
.border{ border-color:rgb(255, 218, 183) }
```

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

Here you see how a box with a 4 pixel rgb(255, 218, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8586, 74.8217, 55.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 183) }
```

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

```
.background{ background-color: rgb(255,  
218, 183) }
```

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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