

Converting Colors

XYZ(87.9797, 81.7105, 55.5335)

Have a look what the booklet for
XYZ(87.9797, 81.7105, 55.5335)
contains.

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Color

**XYZ(74.7549, 74.7802,
54.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAB6
RGB	255, 218, 182
RGB Percent	100%, 85%, 71%
CMY	0.0000, 0.1451, 0.2863
CMYK	0.00, 0.15, 0.29, 0.00
HSL	30°, 100%, 86%
HSV	30°, 29%, 100%
XYZ	74.7549, 74.7802, 54.7500
YIQ	224.9590, 33.6080, -3.3520

Conversions

Conversions Part 2

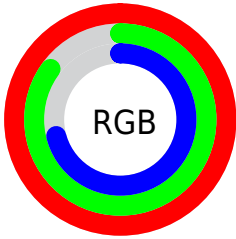
Format	Color
R _Y B	255, 253, 182
Decimal	16767670
CIE Lab	89.29, 7.70, 22.49
CIE LCh	89, 23.776, 71.108
Yxy	74.7802, 0.3659, 0.3661
Android (android.graphics.Color)	4294957750 (0xFFFFDAB6)
YUV	224.9590, -21.1788, 26.3460
Hunter-Lab	86.4755, 2.9744, 22.9948

Details

The XYZ color **74.7549, 74.7802, 54.7500** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.6722, 67.8260, 104.3963**, and the grayscale version is **71.6706, 75.4031, 82.1140**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **40.0856, 39.6497, 26.3093** is the 20% darker color. If you saturate the color by 10%, you get **69.1347, 67.3800, 41.0376**, and if you desaturate by 10%, it is **81.1200, 82.9017, 71.0798**.

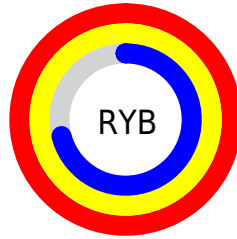
Distribution



Red (100%)

Green (85%)

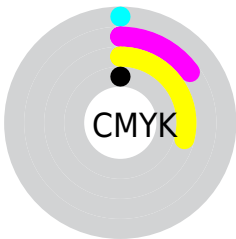
Blue (71%)



Red (100%)

Yellow (99%)

Blue (71%)

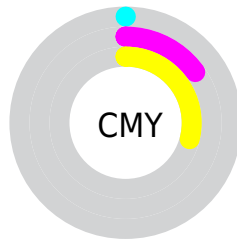


Cyan (0%)

Magenta (15%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7549, 74.7802, 54.7500 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 74.7549, 74.7802, 54.7500 by changing the saturation by 10% instead.


 74.7549, 74.7802,
54.7500

 74.7549, 74.7802,
54.7500


466.0849,
477.1618, 422.2188

 55.7056, 55.4328,
38.8044


 124.9551,
126.0012, 98.6420

 40.2030, 39.7484,
26.3009


156.8367,
158.6436, 127.4255

 27.8818, 27.3424,
16.8211


193.7265,
196.4865, 161.3254

 18.3766, 17.8306,
9.9464

235.9897,
239.9142, 200.7601

 11.3220, 10.8284,
5.2583

283.9919,
289.3112, 246.1482

 6.3527, 5.9516,
2.3382

338.0982,

 3.1034, 2.8156,

345.0619, 297.9084

0.7525

398.6741,
407.5506, 356.4591

■ 1.2087, 1.0363,
0.0000

■ 0.1132, 0.0000,
0.0000

■ 74.7549, 74.7802,
54.7500

■ 74.7549, 74.7802,
54.7500

■ 69.1347, 67.3800,
41.0376

■ 81.1200, 82.9017,
71.0798

■ 64.2218, 60.6687,
29.7988

■ 88.2544, 91.7556,
90.1513

■ 59.9835, 54.6260,
20.8826

95.0500, 100.0000,
108.9000

■ 56.3816, 49.2264,
14.1198

■ 53.3733, 44.4423,
9.3173

■ 50.9087, 40.2425,
6.2469

■ 48.9194, 36.5881,
4.5844

■ 48.6718, 36.1236,
4.4073

Harmonies

Analogous

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



79.8297, 74.7802, 62.1479



74.7549, 74.7802, 54.7500



68.9458, 74.7802, 53.8919

Triad

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



74.7549, 74.7802, 54.7500



60.6687, 74.7802, 87.7435



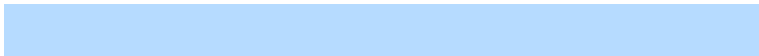
78.6768, 74.7802, 107.9850

Complementary

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



74.7549, 74.7802, 54.7500



62.6722, 67.8260, 104.3963

Split Complementary

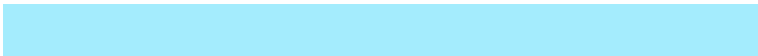
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2503, 74.7802, 117.0230



74.7549, 74.7802, 54.7500



62.9874, 74.7802, 104.3205

Square

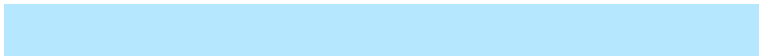
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7549, 74.7802, 54.7500



61.0226, 74.7802, 71.4975



67.5205, 74.7802, 115.5974



82.1778, 74.7802, 92.2268

Rectangle

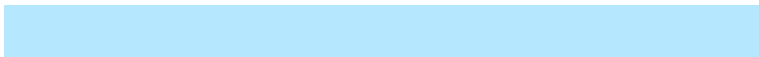
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7549, 74.7802, 54.7500



65.4597, 74.7802, 56.9883



67.5205, 74.7802, 115.5974



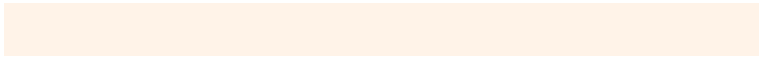
77.0054, 74.7802, 112.0007

Sweetspot

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



74.7567, 74.7836, 54.7515



87.9739, 91.4116, 89.3887



70.8492, 59.8690, 75.3359



18.5983, 19.2810, 18.5047



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.



74.7567, 74.7836, 54.7515



71.6457, 70.7180, 47.0663



85.0568, 95.3837, 58.1849



18.7493, 19.4667, 18.9136



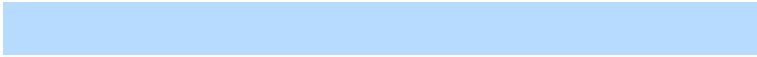
25.5808, 19.1729, 2.3525



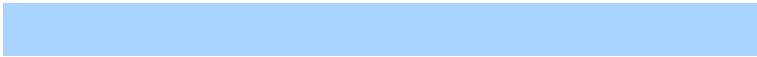
2.5998, 2.0849, 0.2654

Inverse Universe

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



62.6722, 67.8260, 104.3963



57.8653, 62.7835, 103.6764



54.3204, 51.1225, 101.6124



17.7639, 18.8995, 22.9617



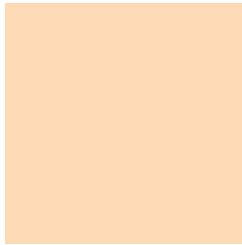
13.6989, 12.3073, 51.0881



1.4431, 1.4170, 5.0107

Previews

White Background



This preview shows how the XYZ color 74.7549, 74.7802, 54.7500 looks on a white background.

Color Contrast Check

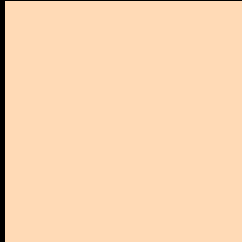
Large Text (above 18pt) WCAG AA × Fail

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 74.7549, 74.7802, 54.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

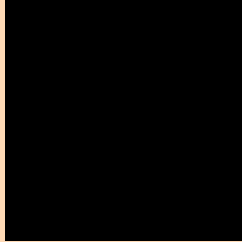
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7549, 74.7802, 54.7500

Background



This preview shows how black text looks on a background with the XYZ color 74.7549, 74.7802, 54.7500.



This preview shows how white text looks on a background with the XYZ color 74.7549, 74.7802,

54.7500.

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

74.7549, 74.7802, 54.7500

Protanopia

70.3377, 74.8186, 56.6332

Deuteranopia

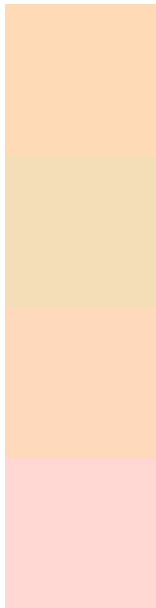
75.3471, 74.6034, 59.1439



Tritanopia

79.1517, 74.8992, 82.9583

Trichromacy



Original Color

74.7549, 74.7802, 54.7500

Protanomaly

72.0812, 74.9363, 56.0125

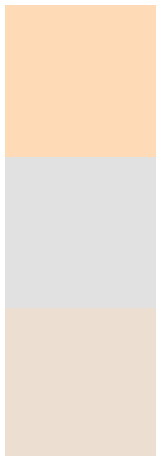
Deuteranomaly

75.0225, 74.4736, 57.4344

Tritanomaly

77.2983, 74.5640, 71.9463

Monochromacy



Original Color

74.7549, 74.7802, 54.7500

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2220, 74.6789, 70.9296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7549, 74.7802, 54.7500 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 182) }
```

Border

The CSS property to change the border of an element to XYZ 74.7549, 74.7802, 54.7500 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, 182) }
```


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

```
.border{ border-color:rgb(255, 218, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 218, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 218, 182); box-shadow:4px 4px 4px 4px rgb(255, 218, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7549, 74.7802, 54.7500 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, 182) }
```

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

```
.background{ background-color: rgb(255,  
218, 182) }
```

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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