

Converting Colors

XYZ(74.4598, 73.0552, 58.1502)

Have a look what the booklet for
XYZ(74.4598, 73.0552, 58.1502)
contains.

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Color

**XYZ(74.4719, 73.0273,
58.3147)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6BD
RGB	255, 214, 189
RGB Percent	100%, 84%, 74%
CMY	0.0000, 0.1608, 0.2588
CMYK	0.00, 0.16, 0.26, 0.00
HSL	23°, 100%, 87%
HSV	23°, 26%, 100%
XYZ	74.4719, 73.0273, 58.3147
YIQ	223.4090, 32.4610, 0.9170

Conversions

Conversions Part 2

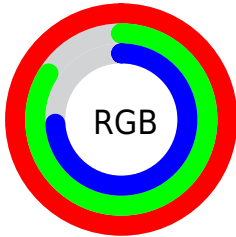
Format	Color
R _Y B	255, 229, 189
Decimal	16766653
CIE Lab	88.46, 10.69, 17.69
CIE LCh	88, 20.665, 58.852
Yxy	73.0273, 0.3618, 0.3548
Android (android.graphics.Color)	4294956733 (0xFFFFD6BD)
YUV	223.4090, -16.9636, 27.7053
Hunter-Lab	85.4560, 6.0084, 19.3600

Details

The XYZ color **74.4719, 73.0273, 58.3147** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.3322, 74.6300, 105.4640**, and the grayscale version is **70.5324, 74.2056, 80.8099**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **39.8680, 38.4442, 28.6117** is the 20% darker color. If you saturate the color by 10%, you get **68.1283, 64.3872, 43.7237**, and if you desaturate by 10%, it is **81.6956, 82.6482, 75.6017**.

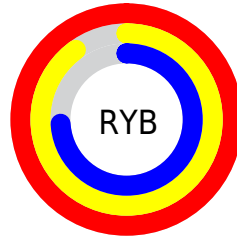
Distribution



Red (100%)

Green (84%)

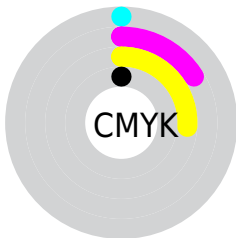
Blue (74%)



Red (100%)

Yellow (90%)

Blue (74%)

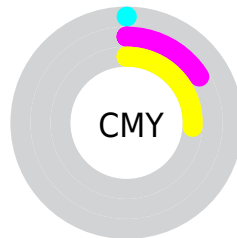


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4719, 73.0273, 58.3147 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 74.4719, 73.0273, 58.3147 by changing the saturation by 10% instead.


 74.4719, 73.0273,
58.3147

 74.4719, 73.0273,
58.3147


465.1257,
471.1094, 435.9885

 55.4730, 53.9983,
41.6453


 124.5564,
123.5160, 103.9003

 40.0159, 38.6003,
28.5002

156.3728,
155.7444, 133.6536

 27.7352, 26.4489,
18.4607


193.1924,
193.1414, 168.6053

 18.2656, 17.1598,
11.1084

235.3805,
236.0915, 209.1739

 11.2417, 10.3485,
6.0247

283.3025,
284.9789, 255.7780

 6.2981, 5.6306,
2.7911

337.3238,

 3.0696, 2.6218,

340.1881, 308.8361

0.9890

397.8097,
402.1035, 368.7668

■ 1.1907, 0.9376,
0.0000

■ 0.0990, 0.0000,
0.0000

■ 74.4719, 73.0273,
58.3147

■ 74.4719, 73.0273,
58.3147

■ 68.1283, 64.3872,
43.7237

■ 81.6956, 82.6482,
75.6017

■ 62.6229, 56.6857,
31.6863

■ 89.8282, 93.2709,
95.7080

■ 57.9181, 49.8919,
22.0536

95.0500, 100.0000,
108.9000

■ 53.9709, 43.9692,
14.6595

■ 50.7337, 38.8779,
9.3163

■ 48.1521, 34.5747,
5.8049

■ 46.1612, 31.0103,
3.8543

■ 45.4789, 29.7378,
3.3430

Harmonies

Analogous

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



78.1219, 73.0273, 67.0245



74.4719, 73.0273, 58.3147



69.6019, 73.0273, 55.1685

Triad

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



74.4719, 73.0273, 58.3147



60.2869, 73.0273, 78.9672



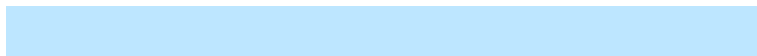
74.1249, 73.0273, 105.9772

Complementary

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



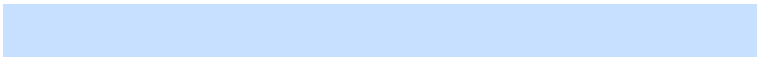
74.4719, 73.0273, 58.3147



67.3322, 74.6300, 105.4640

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.



69.2190, 73.0273, 110.1386



74.4719, 73.0273, 58.3147



61.3716, 73.0273, 93.4667

Square

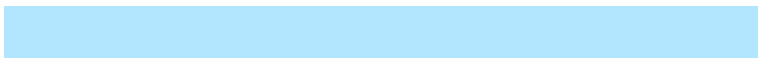
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4719, 73.0273, 58.3147



61.5481, 73.0273, 66.1805



64.5833, 73.0273, 105.3145



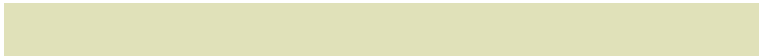
77.9149, 73.0273, 94.5286

Rectangle

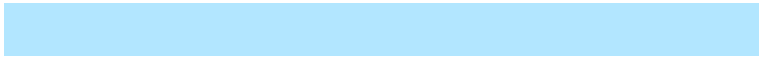
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4719, 73.0273, 58.3147



66.3677, 73.0273, 56.3229



64.5833, 73.0273, 105.3145



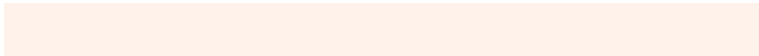
72.5444, 73.0273, 108.3310

Sweetspot

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



74.4737, 73.0306, 58.3162



88.0278, 90.9353, 91.2073



73.8336, 63.4142, 83.8025



18.5733, 19.1148, 18.8549



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.



74.4737, 73.0306, 58.3162



71.1187, 68.4869, 50.5193



83.4422, 90.9676, 61.3057



18.5733, 19.1148, 18.8549



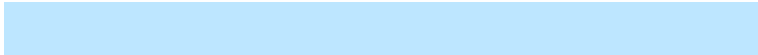
23.8959, 15.8031, 1.7908



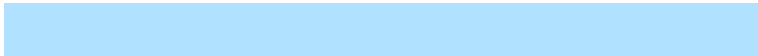
2.4279, 1.7412, 0.2081

Inverse Universe

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



67.3322, 74.6300, 105.4640



62.8820, 70.3220, 104.8670



59.1854, 58.3365, 102.7484



17.9429, 19.2573, 23.0213



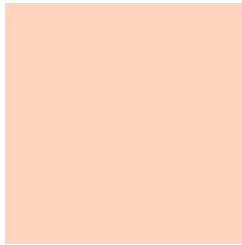
16.0035, 16.9166, 51.8563



1.6636, 1.8579, 5.0842

Previews

White Background



This preview shows how the XYZ color 74.4719, 73.0273, 58.3147 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 74.4719, 73.0273, 58.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

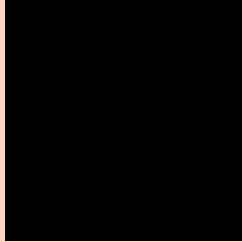
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4719, 73.0273, 58.3147

Background



This preview shows how black text looks on a background with the XYZ color 74.4719, 73.0273, 58.3147.



This preview shows how white text looks on a background with the XYZ color 74.4719, 73.0273,

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

74.4719, 73.0273, 58.3147

Protanopia

69.3512, 73.4164, 60.9677

Deuteranopia

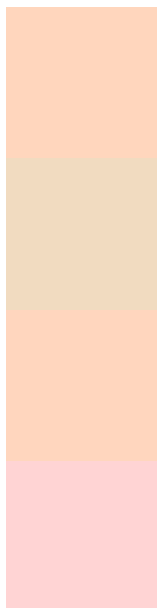
74.5808, 73.0708, 58.8884



Tritanopia

78.1249, 73.2848, 81.2619

Trichromacy



Original Color

74.4719, 73.0273, 58.3147

Protanomaly

71.1216, 73.1696, 60.2438

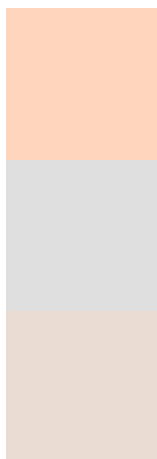
Deuteranomaly

74.5808, 73.0708, 58.8884

Tritanomaly

76.6671, 73.1004, 72.3564

Monochromacy



Original Color

74.4719, 73.0273, 58.3147

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.6120, 73.5517, 72.0506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4719, 73.0273, 58.3147 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, 214, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 189)  
}
```

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, 214, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 189) }
```

Border

The CSS property to change the border of an element to XYZ 74.4719, 73.0273, 58.3147 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, 214, 189) }
```


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

```
.border{ border-color:rgb(255, 214, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4719, 73.0273, 58.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 189) }
```

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

```
.background{ background-color: rgb(255,  
214, 189) }
```

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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