

Converting Colors

XYZ(75.4647, 73.3194, 60.6727)

Have a look what the booklet for
XYZ(75.4647, 73.3194, 60.6727)
contains.

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Color

**XYZ(74.9122, 73.2034,
60.6334)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6C1
RGB	255, 214, 193
RGB Percent	100%, 84%, 76%
CMY	0.0000, 0.1608, 0.2431
CMYK	0.00, 0.16, 0.24, 0.00
HSL	20°, 100%, 88%
HSV	20°, 24%, 100%
XYZ	74.9122, 73.2034, 60.6334
YIQ	223.8650, 31.1770, 2.1610

Conversions

Conversions Part 2

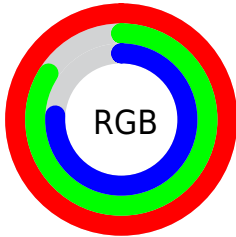
Format	Color
R _Y B	255, 225, 193
Decimal	16766657
CIE Lab	88.54, 11.23, 15.71
CIE LCh	89, 19.310, 54.425
Yxy	73.2034, 0.3589, 0.3507
Android (android.graphics.Color)	4294956737 (0xFFFFD6C1)
YUV	223.8650, -15.2164, 27.3054
Hunter-Lab	85.5590, 6.5596, 17.8740

Details

The XYZ color **74.9122, 73.2034, 60.6334** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4642, 77.4006, 105.8864**, and the grayscale version is **70.8463, 74.5358, 81.1695**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **40.3470, 38.6661, 29.7629** is the 20% darker color. If you saturate the color by 10%, you get **68.2609, 64.0673, 45.5713**, and if you desaturate by 10%, it is **82.4994, 83.4257, 78.4289**.

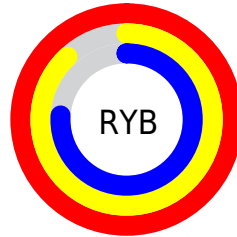
Distribution



Red (100%)

Green (84%)

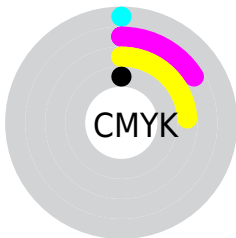
Blue (76%)



Red (100%)

Yellow (88%)

Blue (76%)

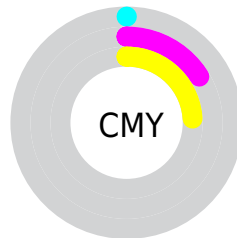


Cyan (0%)

Magenta (16%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9122, 73.2034, 60.6334 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 74.9122, 73.2034, 60.6334 by changing the saturation by 10% instead.


 74.9122, 73.2034,
60.6334

 74.9122, 73.2034,
60.6334

466.6176,
471.7195, 444.7978

 55.8349, 54.1423,
43.5007


 125.1766,
123.7659, 107.3003

 40.3070, 38.7154,
29.9439


157.0945,
156.0361, 137.6716

 27.9633, 26.5384,
19.5443


194.0232,
193.4782, 173.2929

 18.4383, 17.2269,
11.8835

236.3282,
236.4764, 214.5827

 11.3667, 10.3964,
6.5428

284.3747,
285.4153, 261.9596

 6.3832, 5.6626,
3.1038

338.5283,

 3.1223, 2.6410,

340.6791, 315.8420

1.1479

399.1541,
402.6524, 376.6486

■ 1.2188, 0.9473,
0.0000

■ 0.1211, 0.0000,
0.0000

■ 74.9122, 73.2034,
60.6334

■ 74.9122, 73.2034,
60.6334

■ 68.2609, 64.0673,
45.5713

■ 82.4994, 83.4257,
78.4289

■ 62.5014, 55.9707,
33.1011

■ 91.0531, 94.7593,
99.0806

■ 57.5943, 48.8779,
23.0752

95.0500, 100.0000,
108.9000

■ 53.4943, 42.7473,
15.3295

■ 50.1519, 37.5338,
9.6790

■ 47.5105, 33.1882,
5.9095

■ 45.5039, 29.6554,
3.7593

■ 44.5992, 27.9785,
3.0497

Harmonies

Analogous

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



78.0437, 73.2034, 69.5759



74.9122, 73.2034, 60.6334



70.4503, 73.2034, 56.8323

Triad

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



74.9122, 73.2034, 60.6334



61.0496, 73.2034, 77.2431



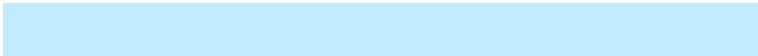
73.3421, 73.2034, 105.3794

Complementary

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



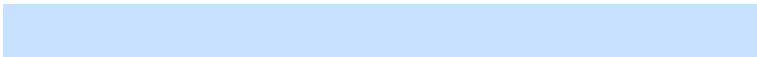
74.9122, 73.2034, 60.6334



69.4642, 77.4006, 105.8864

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.



68.7122, 73.2034, 108.0167



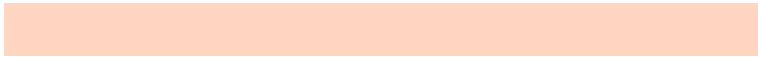
74.9122, 73.2034, 60.6334



61.7471, 73.2034, 90.7746

Square

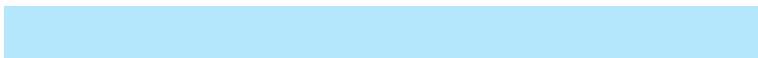
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9122, 73.2034, 60.6334



62.5531, 73.2034, 65.7124



64.5025, 73.2034, 102.4097



77.1093, 73.2034, 95.5574

Rectangle

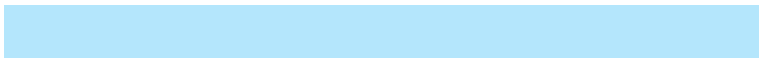
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9122, 73.2034, 60.6334



67.3732, 73.2034, 57.3818



64.5025, 73.2034, 102.4097



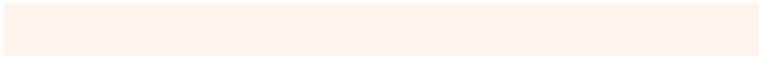
71.8297, 73.2034, 107.1783

Sweetspot

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



74.9140, 73.2067, 60.6349



88.6577, 91.6027, 93.2440



75.2096, 65.3604, 86.7454



18.8633, 19.4574, 19.6837



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.



74.9140, 73.2067, 60.6349



71.6819, 68.7909, 53.2429



83.4175, 90.2138, 63.4694



18.5123, 18.9928, 18.8346



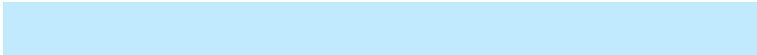
23.4273, 14.8659, 1.6346



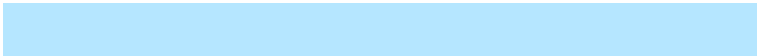
2.3774, 1.6402, 0.1913

Inverse Universe

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



69.4642, 77.4006, 105.8864



65.3996, 73.6134, 105.3696



61.4778, 61.4278, 103.2243



18.0062, 19.3840, 23.0424



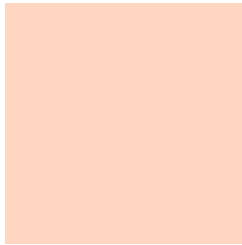
16.9507, 18.8111, 52.1721



1.7517, 2.0340, 5.1136

Previews

White Background



This preview shows how the XYZ color 74.9122, 73.2034, 60.6334 looks on a white background.

Color Contrast Check

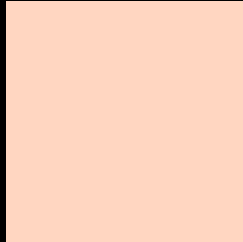
Large Text (above 18pt) WCAG AA × Fail

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 74.9122, 73.2034, 60.6334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

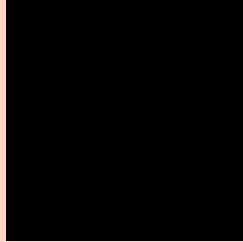
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9122, 73.2034, 60.6334

Background



This preview shows how black text looks on a background with the XYZ color 74.9122, 73.2034, 60.6334.



This preview shows how white text looks on a background with the XYZ color 74.9122, 73.2034,

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

74.9122, 73.2034, 60.6334

Protanopia

69.4780, 73.4296, 63.3348

Deuteranopia

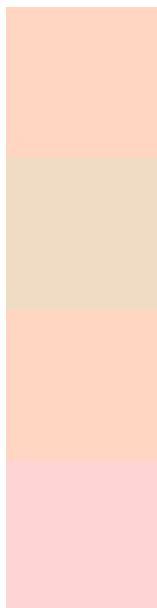
74.9122, 73.2034, 60.6334



Tritanopia

78.1249, 73.2848, 81.2619

Trichromacy



Original Color

74.9122, 73.2034, 60.6334

Protanomaly

71.2305, 73.1738, 62.5943

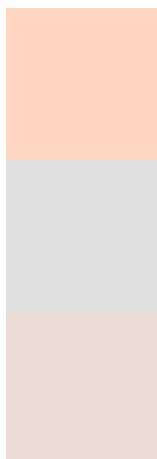
Deuteranomaly

74.9122, 73.2034, 60.6334

Tritanomaly

76.7937, 73.1511, 73.0229

Monochromacy



Original Color

74.9122, 73.2034, 60.6334

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.8644, 73.6527, 73.3795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9122, 73.2034, 60.6334 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 193) }
```

Border

The CSS property to change the border of an element to XYZ 74.9122, 73.2034, 60.6334 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, 193) }
```


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

```
.border{ border-color:rgb(255, 214, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9122, 73.2034, 60.6334 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
214, 193) }
```

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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