

Converting Colors

XYZ(80.8550, 76.3034, 54.7708)

Have a look what the booklet for
XYZ(80.8550, 76.3034, 54.7708)
contains.

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Color

**XYZ(73.7301, 72.7305,
54.4084)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6B6
RGB	255, 214, 182
RGB Percent	100%, 84%, 71%
CMY	0.0000, 0.1608, 0.2863
CMYK	0.00, 0.16, 0.29, 0.00
HSL	26°, 100%, 86%
HSV	26°, 29%, 100%
XYZ	73.7301, 72.7305, 54.4084
YIQ	222.6110, 34.7080, -1.2600

Conversions

Conversions Part 2

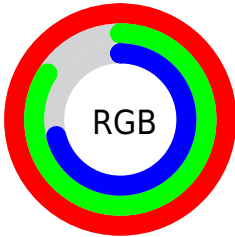
Format	Color
R _Y B	255, 239, 182
Decimal	16766646
CIE Lab	88.32, 9.76, 21.15
CIE LCh	88, 23.297, 65.221
Yxy	72.7305, 0.3671, 0.3621
Android (android.graphics.Color)	4294956726 (0xFFFFD6B6)
YUV	222.6110, -20.0212, 28.4052
Hunter-Lab	85.2822, 5.0771, 21.8716

Details

The XYZ color **73.7301, 72.7305, 54.4084** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.7283, 69.9383, 104.7483**, and the grayscale version is **69.9850, 73.6297, 80.1827**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **39.3865, 38.2516, 26.0763** is the 20% darker color. If you saturate the color by 10%, you get **67.8650, 64.8407, 40.6144**, and if you desaturate by 10%, it is **80.3972, 81.4561, 70.8389**.

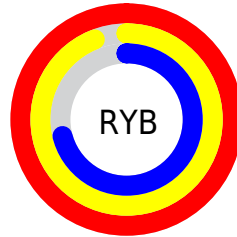
Distribution



Red (100%)

Green (84%)

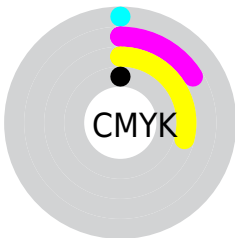
Blue (71%)



Red (100%)

Yellow (94%)

Blue (71%)

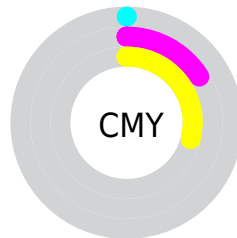


Cyan (0%)

Magenta (16%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7301, 72.7305, 54.4084 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 73.7301, 72.7305, 54.4084 by changing the saturation by 10% instead.


 73.7301, 72.7305,
54.4084

 73.7301, 72.7305,
54.4084


462.6060,
470.0802, 420.8840

 54.8637, 53.7556,
38.5329


 123.5107,
123.0945, 98.1361

 39.5260, 38.4063,
26.0915


155.1555,
155.2525, 126.8253

 27.3517, 26.2982,
16.6657


191.7906,
192.5736, 160.6228

 17.9755, 17.0469,
9.8370

233.7812,
235.4423, 199.9472

 11.0320, 10.2679,
5.1868

281.4927,
284.2429, 245.2170

 6.1558, 5.5769,
2.2966

335.2904,

 2.9816, 2.5896,

339.3598, 296.8507

0.7293

395.5397,
401.1775, 355.2668

■ 1.1440, 0.9214,
0.0000

■ 0.0615, 0.0000,
0.0000

■ 73.7301, 72.7305,
54.4084

■ 73.7301, 72.7305,
54.4084

■ 67.8650, 64.8407,
40.6144

■ 80.3972, 81.4561,
70.8389

■ 62.7625, 57.7500,
29.3123

■ 87.8931, 91.0331,
90.0308

■ 58.3873, 51.4334,
20.3505

95.0500, 100.0000,
108.9000

■ 54.6987, 45.8605,
13.5588

■ 51.6512, 40.9980,
8.7432

■ 49.1921, 36.8094,
5.6747

■ 47.2501, 33.2495,
4.0280

■ 47.0120, 32.8040,
3.8540

Harmonies

Analogous

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



78.2829, 72.7305, 62.7362



73.7301, 72.7305, 54.4084



68.1550, 72.7305, 52.3289

Triad

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



73.7301, 72.7305, 54.4084



58.9703, 72.7305, 82.0246



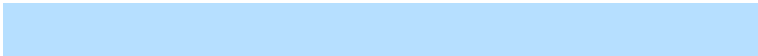
75.5122, 72.7305, 107.0847

Complementary

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



73.7301, 72.7305, 54.4084



63.7283, 69.9383, 104.7483

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.



70.1106, 72.7305, 113.9595



73.7301, 72.7305, 54.4084



60.7165, 72.7305, 98.2978

Square

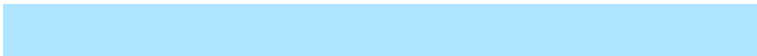
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7301, 72.7305, 54.4084



59.8241, 72.7305, 66.9812



64.7218, 72.7305, 110.5456



79.3501, 72.7305, 92.8015

Rectangle

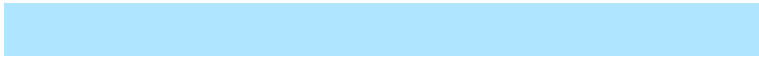
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7301, 72.7305, 54.4084



64.6499, 72.7305, 54.4866



64.7218, 72.7305, 110.5456



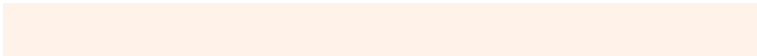
73.8086, 72.7305, 110.4203

Sweetspot

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



73.7318, 72.7338, 54.4099



87.5980, 90.6599, 89.2634



71.3372, 60.0642, 77.9057



18.5058, 19.0962, 18.4739



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.



73.7318, 72.7338, 54.4099



70.4823, 68.3912, 46.6785



83.9108, 93.0917, 57.8029



18.6646, 19.2974, 18.8854



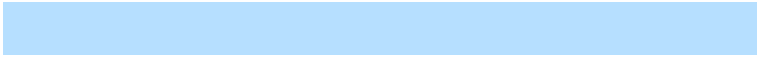
24.7074, 17.4261, 2.0613



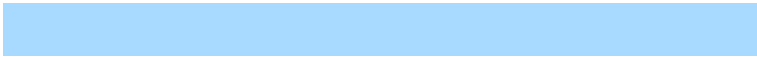
2.5122, 1.9098, 0.2362

Inverse Universe

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



63.7283, 69.9383, 104.7483



59.0722, 65.1975, 104.0787



55.0842, 52.6501, 101.8670



17.8493, 19.0703, 22.9901



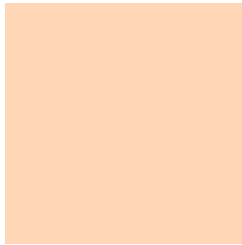
14.7311, 14.3718, 51.4322



1.5432, 1.6170, 5.0441

Previews

White Background



This preview shows how the XYZ color 73.7301, 72.7305, 54.4084 looks on a white background.

Color Contrast Check

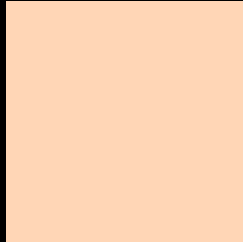
Large Text (above 18pt) WCAG AA × Fail

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 73.7301, 72.7305, 54.4084 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 73.7301, 72.7305, 54.4084

Background



This preview shows how black text looks on a background with the XYZ color 73.7301, 72.7305, 54.4084.



This preview shows how white text looks on a background with the XYZ color 73.7301, 72.7305,

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

73.7301, 72.7305, 54.4084

Protanopia

68.6511, 72.7505, 56.8783

Deuteranopia

74.0435, 72.8559, 56.0590



Tritanopia

77.7411, 72.7350, 80.4629

Trichromacy



Original Color

73.7301, 72.7305, 54.4084

Protanomaly

70.4463, 72.5228, 56.1843

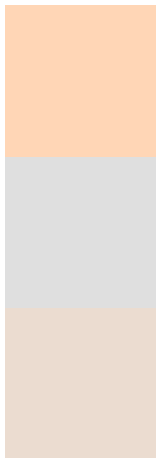
Deuteranomaly

73.9383, 72.8138, 55.5049

Tritanomaly

76.0429, 72.4520, 70.2983

Monochromacy



Original Color

73.7301, 72.7305, 54.4084

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.2393, 73.4026, 70.0879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7301, 72.7305, 54.4084 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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, 214, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 182) }
```

Border

The CSS property to change the border of an element to XYZ 73.7301, 72.7305, 54.4084 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, 182) }
```


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

```
.border{ border-color:rgb(255, 214, 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, 214, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7301, 72.7305, 54.4084 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, 182) }
```

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

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