

Converting Colors

XYZ(74.1079, 73.6428, 54.0515)

Have a look what the booklet for
XYZ(74.1079, 73.6428, 54.0515)
contains.

XYZ(74.1364, 73.7079, 54.0357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.1364, 73.7079,
54.0357)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8B5
RGB	255, 216, 181
RGB Percent	100%, 85%, 71%
CMY	0.0000, 0.1529, 0.2902
CMYK	0.00, 0.15, 0.29, 0.00
HSL	28°, 100%, 85%
HSV	28°, 29%, 100%
XYZ	74.1364, 73.7079, 54.0357
YIQ	223.6710, 34.4790, -2.6170

Conversions

Conversions Part 2

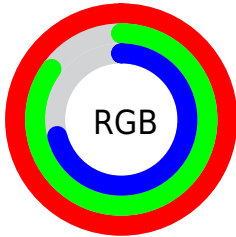
Format	Color
R _Y B	255, 247, 181
Decimal	16767157
CIE Lab	88.78, 8.60, 22.32
CIE LCh	89, 23.918, 68.923
Yxy	73.7079, 0.3672, 0.3651
Android (android.graphics.Color)	4294957237 (0xFFFFD8B5)
YUV	223.6710, -21.0368, 27.4755
Hunter-Lab	85.8533, 3.8958, 22.7804

Details

The XYZ color **74.1364, 73.7079, 54.0357** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.6985, 68.2280, 104.4725**, and the grayscale version is **70.7463, 74.4306, 81.0550**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **39.6671, 38.9186, 25.8434** is the 20% darker color. If you saturate the color by 10%, you get **68.4529, 66.1520, 40.3925**, and if you desaturate by 10%, it is **80.5839, 82.0251, 70.2978**.

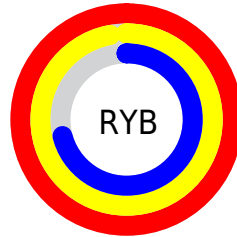
Distribution



Red (100%)

Green (85%)

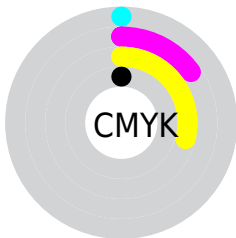
Blue (71%)



Red (100%)

Yellow (97%)

Blue (71%)

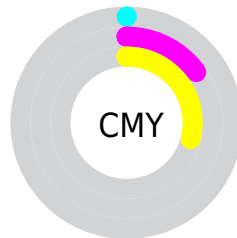


Cyan (0%)

Magenta (15%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1364, 73.7079, 54.0357 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 74.1364, 73.7079, 54.0357 by changing the saturation by 10% instead.


 74.1364, 73.7079,
54.0357

 74.1364, 73.7079,
54.0357


463.9870,
473.4646, 419.4246

 55.1974, 54.5550,
38.2368


 124.0836,
124.4816, 97.5836

 39.7942, 39.0456,
25.8633


155.8225,
156.8713, 126.1697

 27.5616, 26.7952,
16.4966


192.5587,
194.4420, 159.8553

 18.1342, 17.4194,
9.7181

234.6576,
237.5781, 199.0589

 11.1467, 10.5340,
5.1093

282.4845,
286.6640, 244.1991

 6.2336, 5.7544,
2.2517

336.4048,

 3.0296, 2.6963,

342.0841, 295.6945

0.7039

396.7839,
404.2229, 353.9634

■ 1.1695, 0.9753,
0.0000

■ 0.0821, 0.0000,
0.0000

■ 74.1364, 73.7079,
54.0357

■ 74.1364, 73.7079,
54.0357

■ 68.4529, 66.1520,
40.3925

■ 80.5839, 82.0251,
70.2978

■ 63.4953, 59.3236,
29.2238

■ 87.8207, 91.1163,
89.3038

■ 59.2297, 53.2006,
20.3777

95.0500, 100.0000,
108.9000

■ 55.6170, 47.7558,
13.6839

■ 52.6131, 42.9595,
8.9480

■ 50.1670, 38.7786,
5.9396

■ 48.2065, 35.1710,
4.3198

■ 48.0321, 34.8441,
4.1940

Harmonies

Analogous

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



79.0777, 73.7079, 61.8486



74.1364, 73.7079, 54.0357



68.3450, 73.7079, 52.7049

Triad

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



74.1364, 73.7079, 54.0357



59.6272, 73.7079, 85.3016



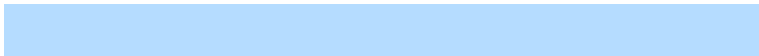
77.2850, 73.7079, 107.6958

Complementary

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



74.1364, 73.7079, 54.0357



62.6985, 68.2280, 104.4725

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.



71.7977, 73.7079, 116.0427



74.1364, 73.7079, 54.0357



61.7501, 73.7079, 101.9936

Square

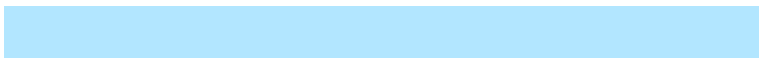
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1364, 73.7079, 54.0357



60.1766, 73.7079, 69.3295



66.1303, 73.7079, 113.8234



80.9640, 73.7079, 92.2728

Rectangle

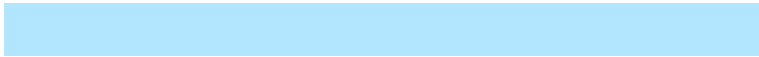
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1364, 73.7079, 54.0357



64.8111, 73.7079, 55.4641



66.1303, 73.7079, 113.8234



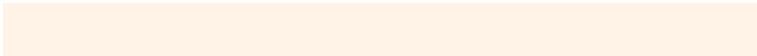
75.5790, 73.7079, 111.5124

Sweetspot

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



74.1381, 73.7112, 54.0372



87.8352, 91.1342, 89.3424



70.7445, 59.5006, 75.7914



18.5642, 19.2128, 18.4934



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.



74.1381, 73.7112, 54.0372



70.6484, 69.1008, 45.5705



84.5588, 94.5526, 57.5108



18.7180, 19.4042, 18.9032



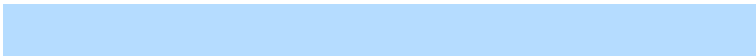
25.2447, 18.5006, 2.2404



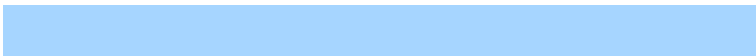
2.5664, 2.0181, 0.2543

Inverse Universe

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



62.6985, 68.2280, 104.4725



57.4627, 62.7783, 103.6966



54.1367, 51.1045, 101.6186



17.7953, 18.9622, 22.9721



14.0639, 13.0373, 51.2098



1.4788, 1.4883, 5.0226

Previews

White Background



This preview shows how the XYZ color 74.1364, 73.7079, 54.0357 looks on a white background.

Color Contrast Check

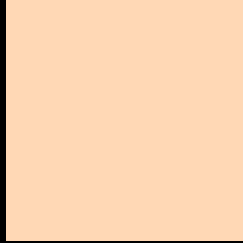
Large Text (above 18pt) WCAG AA × Fail

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 74.1364, 73.7079, 54.0357 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 74.1364, 73.7079, 54.0357

Background



This preview shows how black text looks on a background with the XYZ color 74.1364, 73.7079, 54.0357.



This preview shows how white text looks on a background with the XYZ color 74.1364, 73.7079,

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

74.1364, 73.7079, 54.0357

Protanopia

69.6315, 74.0689, 55.9742

Deuteranopia

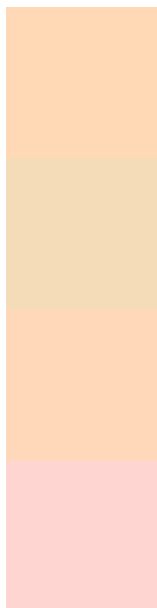
74.5101, 73.4487, 57.2636



Tritanopia

78.5110, 73.8380, 82.0657

Trichromacy



Original Color

74.1364, 73.7079, 54.0357

Protanomaly

71.1026, 73.6600, 55.2700

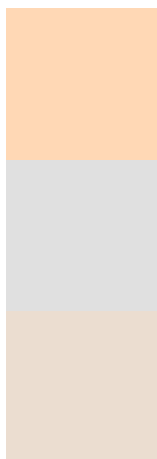
Deuteranomaly

74.2974, 73.3637, 56.1436

Tritanomaly

76.6671, 73.5016, 71.1192

Monochromacy



Original Color

74.1364, 73.7079, 54.0357

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.5026, 73.9291, 70.1757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1364, 73.7079, 54.0357 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, 216, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 181)  
}
```

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, 216, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 181) }
```

Border

The CSS property to change the border of an element to XYZ 74.1364, 73.7079, 54.0357 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, 216, 181) }
```


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

```
.border{ border-color:rgb(255, 216, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1364, 73.7079, 54.0357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 181) }
```

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

```
.background{ background-color: rgb(255,  
216, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor