

Converting Colors

XYZ(71.8493, 68.3020, 55.8375)

Have a look what the booklet for
XYZ(71.8493, 68.3020, 55.8375)
contains.

XYZ(71.9342, 68.4678, 55.8786)	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(71.9342, 68.4678,
55.8786)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDBA
RGB	255, 205, 186
RGB Percent	100%, 80%, 73%
CMY	0.0000, 0.1961, 0.2706
CMYK	0.00, 0.20, 0.27, 0.00
HSL	17°, 100%, 86%
HSV	17°, 27%, 100%
XYZ	71.9342, 68.4678, 55.8786
YIQ	217.7840, 35.8990, 4.6910

Conversions

Conversions Part 2

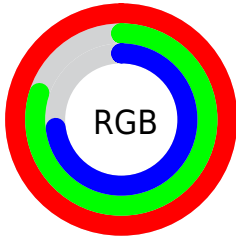
Format	Color
R _Y B	255, 212, 186
Decimal	16764346
CIE Lab	86.24, 14.97, 16.15
CIE LCh	86, 22.019, 47.181
Yxy	68.4678, 0.3665, 0.3488
Android (android.graphics.Color)	4294954426 (0xFFFFCDBA)
YUV	217.7840, -15.6695, 32.6384
Hunter-Lab	82.7453, 10.3739, 17.8826

Details

The XYZ color **71.9342, 68.4678, 55.8786** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2941, 77.6474, 105.9957**, and the grayscale version is **66.5804, 70.0478, 76.2820**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **38.3262, 35.6970, 27.0605** is the 20% darker color. If you saturate the color by 10%, you get **65.2999, 59.1572, 41.4650**, and if you desaturate by 10%, it is **79.5777, 79.0220, 73.0168**.

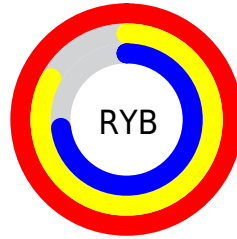
Distribution



Red (100%)

Green (80%)

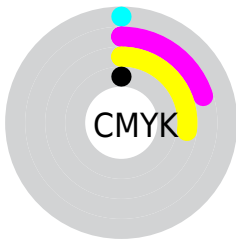
Blue (73%)



Red (100%)

Yellow (83%)

Blue (73%)

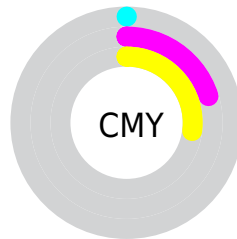


Cyan (0%)

Magenta (20%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9342, 68.4678, 55.8786 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 71.9342, 68.4678, 55.8786 by changing the saturation by 10% instead.


 71.9342, 68.4678,
55.8786

 71.9342, 68.4678,
55.8786


456.4737,
455.1517, 426.6093

 53.3902, 50.2784,
39.7023


 120.9743,
117.0211, 100.3111

 38.3431, 35.6347,
26.9945


152.2011,
148.1538, 129.4043

 26.4275, 24.1522,
17.3367


188.3862,
184.3698, 163.6402

 17.2781, 15.4465,
10.3103

229.8949,
226.0533, 203.4374

 10.5295, 9.1334,
5.4969

277.0927,
273.5889, 249.2143

 5.8164, 4.8283,
2.4779

330.3449,

 2.7733, 2.1469,

327.3609, 301.3896

0.8284

390.0168,
387.7537, 360.3817

■ 1.0351, 0.6908,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.9342, 68.4678,
55.8786

■ 71.9342, 68.4678,
55.8786

■ 65.2999, 59.1572,
41.4650

■ 79.5777, 79.0220,
73.0168

■ 59.6258, 51.0344,
29.6302

■ 88.2662, 90.8544,
93.0065

■ 54.8664, 44.0530,
20.2213

95.0500, 100.0000,
108.9000

■ 50.9702, 38.1599,
13.0670

■ 47.8799, 33.2973,
7.9737

■ 45.5305, 29.4017,
4.7143

■ 43.8430, 26.4003,
3.0004

■ 43.4450, 25.6700,
2.6650

Harmonies

Analogous

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



74.8477, 68.4678, 66.5983



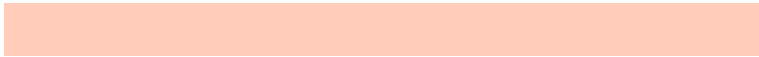
71.9342, 68.4678, 55.8786



67.2649, 68.4678, 50.4930

Triad

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



71.9342, 68.4678, 55.8786



56.0211, 68.4678, 68.5219



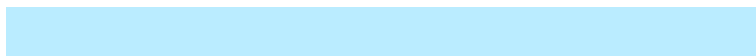
68.0008, 68.4678, 104.5509

Complementary

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



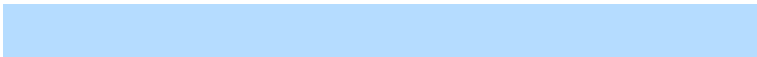
71.9342, 68.4678, 55.8786



68.2941, 77.6474, 105.9957

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.



62.9363, 68.4678, 105.2420



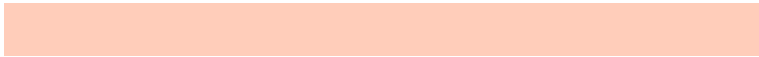
71.9342, 68.4678, 55.8786



56.1952, 68.4678, 83.1102

Square

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



71.9342, 68.4678, 55.8786



58.1806, 68.4678, 57.1286



58.6693, 68.4678, 96.9759



72.4970, 68.4678, 95.1950

Rectangle

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



71.9342, 68.4678, 55.8786



63.8648, 68.4678, 50.1260



58.6693, 68.4678, 96.9759



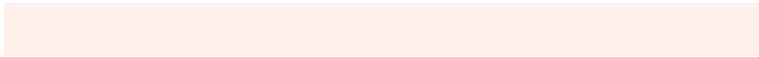
66.3036, 68.4678, 105.8435

Sweetspot

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



71.9359, 68.4709, 55.8800



87.4022, 89.6842, 90.9988



74.0270, 62.4695, 87.9712



18.4165, 18.8012, 18.8027



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.



71.9359, 68.4709, 55.8800



68.5335, 63.7165, 48.4248



80.9404, 86.4799, 58.8815



18.4165, 18.8012, 18.8027



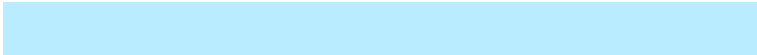
22.8072, 13.6257, 1.4280



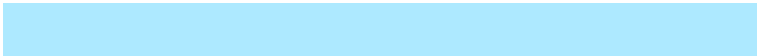
2.3074, 1.5001, 0.1679

Inverse Universe

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



68.2941, 77.6474, 105.9957



64.3766, 74.1587, 105.5288



59.4443, 59.9478, 103.0458



18.1070, 19.5856, 23.0760



18.6023, 22.1142, 52.7226



1.9028, 2.3363, 5.1639

Previews

White Background



This preview shows how the XYZ color 71.9342, 68.4678, 55.8786 looks on a white background.

Color Contrast Check

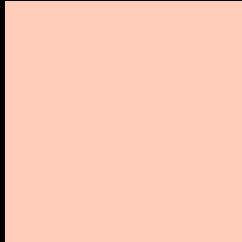
Large Text (above 18pt) WCAG AA × Fail

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 71.9342, 68.4678, 55.8786 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 71.9342, 68.4678, 55.8786

Background



This preview shows how black text looks on a background with the XYZ color 71.9342, 68.4678, 55.8786.



This preview shows how white text looks on a background with the XYZ color 71.9342, 68.4678,

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

71.9342, 68.4678, 55.8786

Protanopia

65.0684, 68.5312, 59.0886

Deuteranopia

70.0242, 68.5710, 55.4438



Tritanopia

74.7552, 68.4589, 74.2396

Trichromacy



Original Color

71.9342, 68.4678, 55.8786

Protanomaly

67.4046, 68.2672, 57.7684

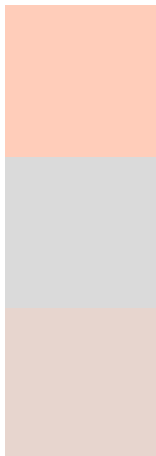
Deuteranomaly

70.8534, 68.6377, 55.4130

Tritanomaly

73.6154, 68.3796, 67.0762

Monochromacy



Original Color

71.9342, 68.4678, 55.8786

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.8898, 69.0337, 68.1392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9342, 68.4678, 55.8786 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, 205, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 186)  
}
```

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, 205, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 186) }
```

Border

The CSS property to change the border of an element to XYZ 71.9342, 68.4678, 55.8786 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, 205, 186) }
```


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

```
.border{ border-color:rgb(255, 205, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9342, 68.4678, 55.8786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 186) }
```

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

```
.background{ background-color: rgb(255,  
205, 186) }
```

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