

Converting Colors

$Y_{xy}(72.8290, 0.3566, 0.3462)$

Have a look what the booklet for
Yxy(72.8290, 0.3566, 0.3462)
contains.

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Color

Yxy(72.8340, 0.3569, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5C4
RGB	255, 213, 196
RGB Percent	100%, 84%, 77%
CMY	0.0000, 0.1647, 0.2315
CMYK	0.00, 0.16, 0.23, 0.00
HSL	17°, 100%, 88%
HSV	17°, 23%, 100%
XYZ	74.9984, 72.8340, 62.3061
YIQ	223.6200, 30.4890, 3.6170

Conversions

Conversions Part 2

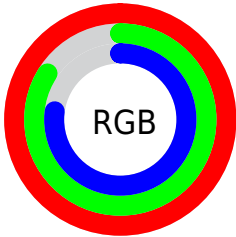
Format	Color
R _Y B	255, 220, 196
Decimal	16766404
CIE Lab	88.37, 12.17, 13.90
CIE LCh	88, 18.477, 48.801
Yxy	72.8340, 0.3569, 0.3466
Android (android.graphics.Color)	4294956484 (0xFFFFD5C4)
YUV	223.6200, -13.6167, 27.5203
Hunter-Lab	85.3428, 7.5140, 16.4543

Details

The Yxy color **72.8340, 0.3569, 0.3466** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.0747, 0.2769, 0.3107**, and the grayscale version is **74.3364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **38.4125, 0.3683, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **63.1497, 0.3821, 0.3547**, and if you desaturate by 10%, it is **83.7371, 0.3356, 0.3387**.

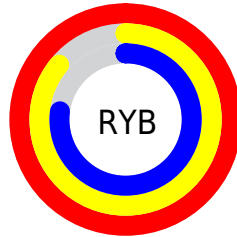
Distribution



Red (100%)

Green (84%)

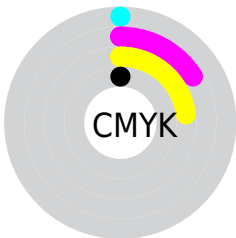
Blue (77%)



Red (100%)

Yellow (86%)

Blue (77%)

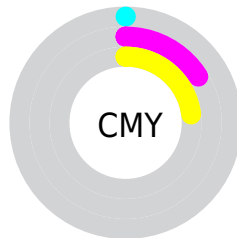


Cyan (0%)

Magenta (16%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8340, 0.3569, 0.3466 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 Yxy color 72.8340, 0.3569, 0.3466 by changing the saturation by 10% instead.


 72.8340, 0.3569,
0.3466

 72.8340, 0.3569,
0.3466


470.4393, 0.3363,
0.3388

 53.8402, 0.3616,
0.3483


123.2415, 0.3497,
0.3440

 38.4739, 0.3675,
0.3503


155.4241, 0.3469,
0.3429

 26.3507, 0.3750,
0.3528


192.7717, 0.3445,
0.3420

 17.0862, 0.3848,
0.3559

235.6687, 0.3425,
0.3412

 10.2960, 0.3981,
0.3598

284.4996, 0.3406,
0.3405

 5.5956, 0.4174,
0.3649

339.6487, 0.3390,

 2.6008, 0.4473,

0.3399

0.3714

401.5005, 0.3376,
0.3393

0.9271, 0.5595,
0.4237

0.0000, 1.0000,
0.0000

72.8340, 0.3569,
0.3466

72.8340, 0.3569,
0.3466

63.1497, 0.3821,
0.3547

83.7371, 0.3356,
0.3387

54.6395, 0.4115,
0.3626

95.8988, 0.3177,
0.3312

47.2578, 0.4451,
0.3695

100.0000, 0.3127,
0.3290

40.9551, 0.4819,
0.3745

■ 35.6784, 0.5200,
0.3763

■ 31.3693, 0.5560,
0.3739

■ 27.9627, 0.5861,
0.3668

■ 26.1059, 0.6022,
0.3600

Harmonies

Analogous

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



72.8340, 0.3494, 0.3279



72.8340, 0.3569, 0.3466



72.8340, 0.3520, 0.3616

Triad

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



72.8340, 0.3569, 0.3466



72.8340, 0.2932, 0.3490



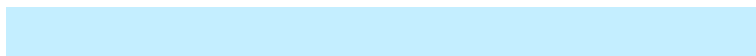
72.8340, 0.2885, 0.2918

Complementary

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



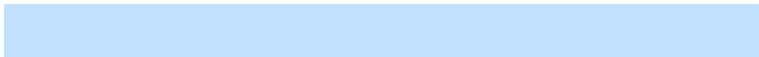
72.8340, 0.3569, 0.3466



80.0747, 0.2769, 0.3107

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.



72.8340, 0.2745, 0.2959



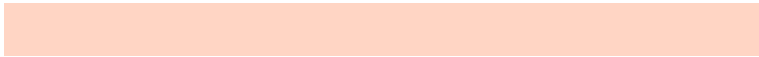
72.8340, 0.3569, 0.3466



72.8340, 0.2772, 0.3285

Square

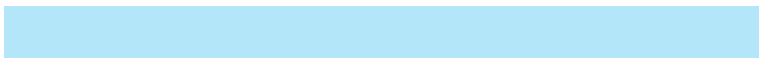
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8340, 0.3569, 0.3466



72.8340, 0.3148, 0.3640



72.8340, 0.2705, 0.3090



72.8340, 0.3093, 0.2971

Rectangle

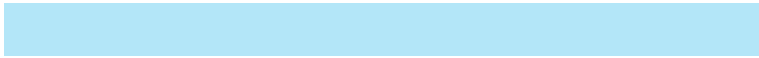
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8340, 0.3569, 0.3466



72.8340, 0.3426, 0.3673



72.8340, 0.2705, 0.3090



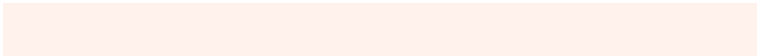
72.8340, 0.2829, 0.2921

Sweetspot

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



72.8344, 0.3569, 0.3466



91.0679, 0.3242, 0.3341



66.9115, 0.3276, 0.2868



19.3338, 0.3253, 0.3345



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8344, 0.3569, 0.3466



67.9902, 0.3686, 0.3505



88.8721, 0.3505, 0.3752



18.8411, 0.3287, 0.3359



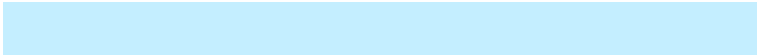
13.8611, 0.5993, 0.3624



1.5274, 0.5772, 0.3799

Inverse Universe

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



80.0747, 0.2769, 0.3107



76.4282, 0.2696, 0.3063



64.4304, 0.2743, 0.2781



19.5434, 0.2980, 0.3220



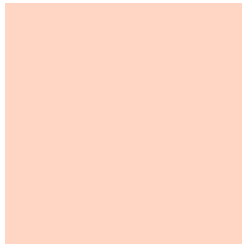
21.3925, 0.1978, 0.2319



2.2707, 0.2012, 0.2443

Previews

White Background



This preview shows how the Yxy color 72.8340, 0.3569, 0.3466 looks on a white background.

Color Contrast Check

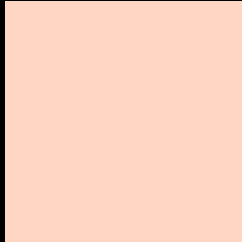
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 72.8340, 0.3569, 0.3466 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](#).

Yxy 72.8340, 0.3569, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 72.8340, 0.3569, 0.3466.



This preview shows how white text looks on a background with the Yxy color 72.8340, 0.3569, 0.3466.

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

72.8340, 0.3569, 0.3466

Protanopia

72.8720, 0.3342, 0.3518

Deuteranopia

72.9613, 0.3551, 0.3477



Tritanopia

72.7894, 0.3359, 0.3140

Trichromacy



Original Color

72.8340, 0.3569, 0.3466

Protanomaly

72.7916, 0.3422, 0.3492

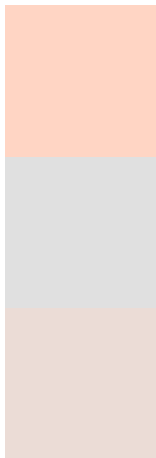
Deuteranomaly

73.1495, 0.3559, 0.3476

Tritanomaly

72.7036, 0.3438, 0.3260

Monochromacy



Original Color

72.8340, 0.3569, 0.3466

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.7036, 0.3276, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8340, 0.3569, 0.3466 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, 213, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 196)  
}
```

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, 213, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 196) }
```

Border

The CSS property to change the border of an element to Yxy 72.8340, 0.3569, 0.3466 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, 213, 196) }
```

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

```
.border{ border-color:rgb(255, 213, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
196) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.8340, 0.3569, 0.3466$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 196) }
```

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

```
.background{ background-color: rgb(255,  
213, 196) }
```

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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