

Converting Colors

$Y_{xy}(113.4962, 0.4617, 0.3412)$

Have a look what the booklet for
Yxy(113.4962, 0.4617, 0.3412)
contains.

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Color

Yxy(72.7886, 0.3576, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5C3
RGB	255, 213, 195
RGB Percent	100%, 84%, 76%
CMY	0.0000, 0.1647, 0.2353
CMYK	0.00, 0.16, 0.24, 0.00
HSL	18°, 100%, 88%
HSV	18°, 24%, 100%
XYZ	74.8826, 72.7886, 61.7321
YIQ	223.5060, 30.8100, 3.3060

Conversions

Conversions Part 2

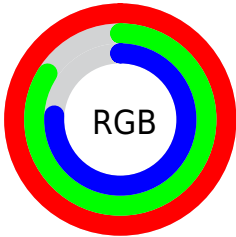
Format	Color
R _Y B	255, 221, 195
Decimal	16766403
CIE Lab	88.35, 12.03, 14.38
CIE LCh	88, 18.744, 50.088
Yxy	72.7886, 0.3576, 0.3476
Android (android.graphics.Color)	4294956483 (0xFFFFD5C3)
YUV	223.5060, -14.0535, 27.6202
Hunter-Lab	85.3162, 7.3672, 16.8210

Details

The Yxy color **72.7886, 0.3576, 0.3476** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.3819, 0.2763, 0.3096**, and the grayscale version is **74.2577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **38.3826, 0.3693, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **63.2458, 0.3828, 0.3560**, and if you desaturate by 10%, it is **83.5228, 0.3363, 0.3394**.

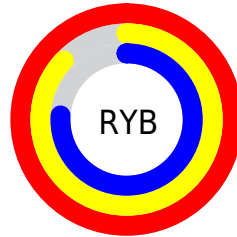
Distribution



Red (100%)

Green (84%)

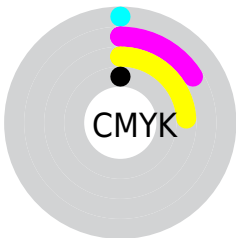
Blue (76%)



Red (100%)

Yellow (87%)

Blue (76%)

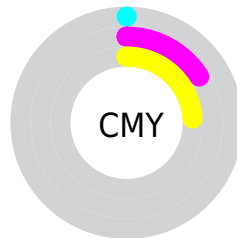


Cyan (0%)

Magenta (16%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7886, 0.3576, 0.3476 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 72.7886, 0.3576, 0.3476 by changing the saturation by 10% instead.


 72.7886, 0.3576,
0.3476

 72.7886, 0.3576,
0.3476

470.2818, 0.3367,
0.3394

 53.8031, 0.3624,
0.3494


123.1771, 0.3503,
0.3448

 38.4443, 0.3684,
0.3515


155.3488, 0.3475,
0.3437

 26.3277, 0.3760,
0.3542

192.6848, 0.3450,
0.3428

 17.0689, 0.3859,
0.3575

235.5694, 0.3429,
0.3419

 10.2837, 0.3994,
0.3616

284.3870, 0.3411,
0.3412

 5.5874, 0.4190,
0.3671

339.5220, 0.3394,

 2.5959, 0.4493,

0.3405

0.3739

401.3588, 0.3380,
0.3399

0.9246, 0.5680,
0.4316

0.0000, 1.0000,
0.0000

72.7886, 0.3576,
0.3476

72.7886, 0.3576,
0.3476

63.2458, 0.3828,
0.3560

83.5228, 0.3363,
0.3394

54.8427, 0.4121,
0.3642

95.4782, 0.3183,
0.3316

47.5381, 0.4454,
0.3713

99.9988, 0.3127,
0.3290

41.2847, 0.4818,
0.3765

■ 36.0310, 0.5193,
0.3784

■ 31.7212, 0.5547,
0.3760

■ 28.2924, 0.5843,
0.3687

■ 26.5026, 0.5995,
0.3622

Harmonies

Analogous

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



72.7886, 0.3505, 0.3287



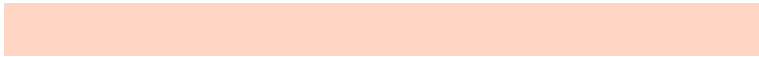
72.7886, 0.3576, 0.3476



72.7886, 0.3521, 0.3626

Triad

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



72.7886, 0.3576, 0.3476



72.7886, 0.2921, 0.3485



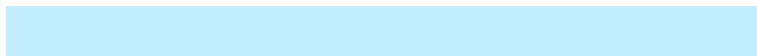
72.7886, 0.2890, 0.2913

Complementary

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



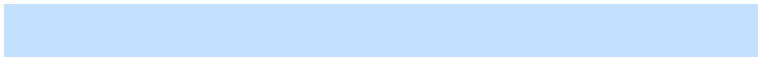
72.7886, 0.3576, 0.3476



79.3819, 0.2763, 0.3096

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.



72.7886, 0.2744, 0.2950



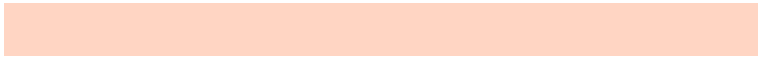
72.7886, 0.3576, 0.3476



72.7886, 0.2762, 0.3275

Square

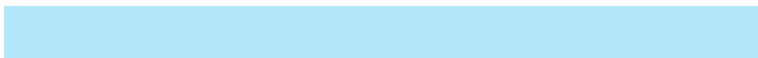
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7886, 0.3576, 0.3476



72.7886, 0.3139, 0.3640



72.7886, 0.2698, 0.3079



72.7886, 0.3103, 0.2970

Rectangle

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



72.7886, 0.3576, 0.3476



72.7886, 0.3422, 0.3681



72.7886, 0.2698, 0.3079



72.7886, 0.2831, 0.2915

Sweetspot

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



72.7919, 0.3576, 0.3476



91.1903, 0.3242, 0.3343



66.4035, 0.3286, 0.2870



19.3621, 0.3253, 0.3347



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

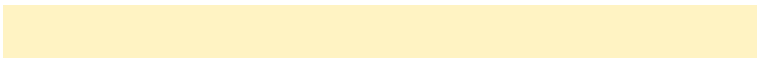
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7919, 0.3576, 0.3476



68.3820, 0.3684, 0.3514



89.2972, 0.3509, 0.3769



18.8758, 0.3287, 0.3362



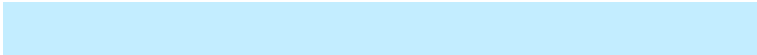
14.0755, 0.5965, 0.3646



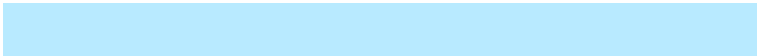
1.5520, 0.5744, 0.3821

Inverse Universe

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



79.3819, 0.2763, 0.3096



75.9609, 0.2695, 0.3054



63.4471, 0.2735, 0.2760



19.5067, 0.2980, 0.3217



20.7793, 0.1966, 0.2278



2.2148, 0.2002, 0.2407

Previews

White Background



This preview shows how the Yxy color 72.7886, 0.3576, 0.3476 looks on a white background.

Color Contrast Check

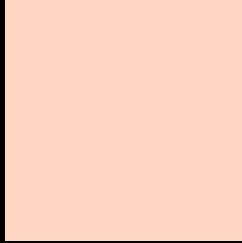
Large Text (above 18pt) WCAG AA × Fail

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 72.7886, 0.3576, 0.3476 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 72.7886, 0.3576, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 72.7886, 0.3576, 0.3476.



This preview shows how white text looks on a background with the Yxy color 72.7886, 0.3576, 0.3476.

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

72.7886, 0.3576, 0.3476

Protanopia

72.8253, 0.3349, 0.3528

Deuteranopia

72.9159, 0.3558, 0.3487



Tritanopia

72.7894, 0.3359, 0.3140

Trichromacy



Original Color

72.7886, 0.3576, 0.3476

Protanomaly

72.7453, 0.3429, 0.3503

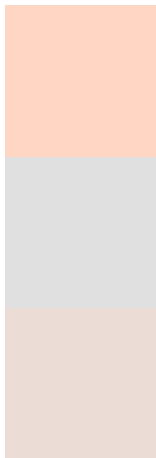
Deuteranomaly

73.1041, 0.3566, 0.3487

Tritanomaly

72.7036, 0.3438, 0.3260

Monochromacy



Original Color

72.7886, 0.3576, 0.3476

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.6527, 0.3283, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7886, 0.3576, 0.3476 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 195) }
```

Border

The CSS property to change the border of an element to Yxy 72.7886, 0.3576, 0.3476 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, 195) }
```

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

```
.border{ border-color:rgb(255, 213, 195) }
```

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, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7886, 0.3576, 0.3476 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
213, 195) }
```

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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