

Converting Colors

$Y_{xy}(73.8278, 0.3439, 0.3290)$

Have a look what the booklet for
Yxy(73.8278, 0.3439, 0.3290)
contains.

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Color

Yxy(73.6526, 0.3443, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5D5
RGB	255, 213, 213
RGB Percent	100%, 84%, 84%
CMY	0.0000, 0.1647, 0.1648
CMYK	0.00, 0.16, 0.16, 0.00
HSL	0°, 100%, 92%
HSV	0°, 16%, 100%
XYZ	77.0544, 73.6526, 73.0931
YIQ	225.5580, 25.0320, 8.9040

Conversions

Conversions Part 2

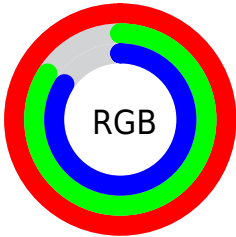
Format	Color
R _Y B	255, 213, 213
Decimal	16766421
CIE Lab	88.76, 14.68, 5.50
CIE LCh	89, 15.671, 20.536
Yxy	73.6526, 0.3443, 0.3291
Android (android.graphics.Color)	4294956501 (0xFFFFD5D5)
YUV	225.5580, -6.1911, 25.8206
Hunter-Lab	85.8211, 10.0791, 9.5780

Details

The Yxy color **73.6526, 0.3443, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.8774, 0.2877, 0.3289**, and the grayscale version is **75.7435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9281, 0.3524, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **60.6207, 0.3700, 0.3292**, and if you desaturate by 10%, it is **88.8939, 0.3237, 0.3290**.

Distribution



Red (100%)

Green (84%)

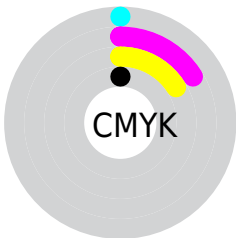
Blue (84%)



Red (100%)

Yellow (84%)

Blue (84%)



Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6526, 0.3443, 0.3291 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 73.6526, 0.3443, 0.3291 by changing the saturation by 10% instead.

 73.6526, 0.3443,
0.3291

 73.6526, 0.3443,
0.3291


473.2735, 0.3296,
0.3292

 54.5098, 0.3477,
0.3290

124.4032, 0.3392,
0.3292

 39.0093, 0.3518,
0.3289


156.7798, 0.3372,
0.3292

 26.7670, 0.3571,
0.3288


194.3364, 0.3355,
0.3292

 17.3983, 0.3641,
0.3285

237.4574, 0.3340,
0.3292

 10.5189, 0.3736,
0.3280

286.5272, 0.3327,
0.3292

 5.7443, 0.3875,
0.3272

341.9302, 0.3316,

 2.6902, 0.4093,

0.3292

0.3253

404.0509, 0.3305,
0.3292

0.9722, 0.4528,
0.3237

0.0000, 1.0000,
0.0000

73.6526, 0.3443,
0.3291

73.6526, 0.3443,
0.3291

60.6207, 0.3700,
0.3292

88.8939, 0.3237,
0.3290

49.7099, 0.4020,
0.3293

100.0000, 0.3127,
0.3290

40.8034, 0.4407,
0.3294

33.7795, 0.4858,
0.3295

■ 28.5029, 0.5343,
0.3297

■ 24.8206, 0.5803,
0.3298

■ 22.5530, 0.6162,
0.3299

■ 21.4759, 0.6359,
0.3300

■ 21.2613, 0.6401,
0.3300

Harmonies

Analogous

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



73.6526, 0.3299, 0.3137



73.6526, 0.3443, 0.3291



73.6526, 0.3500, 0.3449

Triad

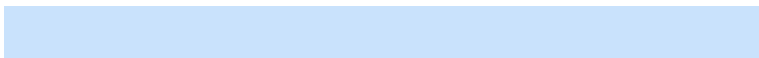
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6526, 0.3443, 0.3291



73.6526, 0.3135, 0.3578



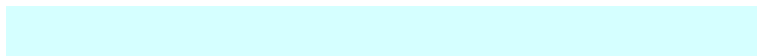
73.6526, 0.2808, 0.3005

Complementary

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



73.6526, 0.3443, 0.3291



92.8774, 0.2877, 0.3289

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.



73.6526, 0.2768, 0.3114



73.6526, 0.3443, 0.3291



73.6526, 0.2953, 0.3449

Square

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



73.6526, 0.3443, 0.3291



73.6526, 0.3319, 0.3622



73.6526, 0.2820, 0.3276



73.6526, 0.2932, 0.2974

Rectangle

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



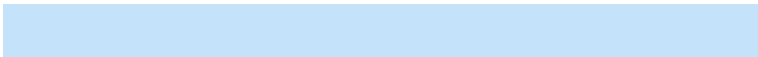
73.6526, 0.3443, 0.3291



73.6526, 0.3480, 0.3538



73.6526, 0.2820, 0.3276



73.6526, 0.2784, 0.3034

Sweetspot

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



73.6476, 0.3443, 0.3291



91.3408, 0.3211, 0.3290



76.0595, 0.3146, 0.2881



19.3002, 0.3223, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

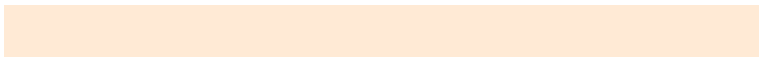
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6476, 0.3443, 0.3291



68.8109, 0.3527, 0.3291



84.9038, 0.3408, 0.3501



17.9878, 0.3295, 0.3291



11.1098, 0.6401, 0.3300



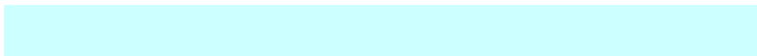
1.0819, 0.6400, 0.3300

Inverse Universe

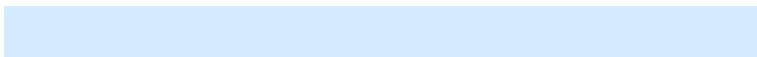
The Inverse Universe completely reimagines the original color for something new.



92.8774, 0.2877, 0.3289



91.5700, 0.2827, 0.3289



80.2040, 0.2867, 0.3070



20.4808, 0.2980, 0.3290



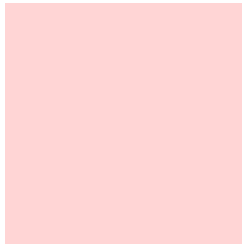
41.1243, 0.2246, 0.3287



4.0044, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 73.6526, 0.3443, 0.3291 looks on a white background.

Color Contrast Check

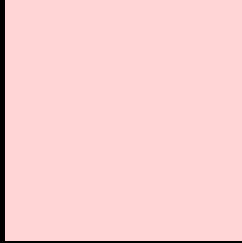
Large Text (above 18pt) WCAG AA × Fail

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 73.6526, 0.3443, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

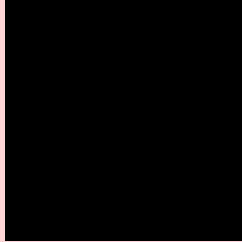
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6526, 0.3443, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 73.6526, 0.3443, 0.3291.

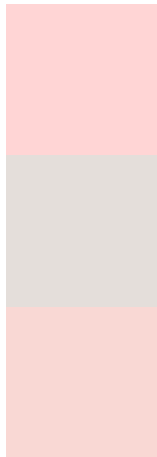


This preview shows how white text looks on a background with the Yxy color 73.6526, 0.3443, 0.3291.

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

73.6526, 0.3443, 0.3291

Protanopia

73.7985, 0.3196, 0.3333

Deuteranopia

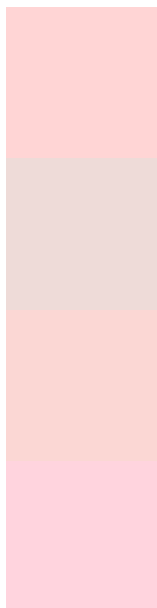
74.0049, 0.3400, 0.3332



Tritanopia

73.8930, 0.3342, 0.3140

Trichromacy



Original Color

73.6526, 0.3443, 0.3291

Protanomaly

73.7980, 0.3285, 0.3322

Deuteranomaly

73.8636, 0.3416, 0.3322

Tritanomaly

73.6209, 0.3378, 0.3190

Monochromacy



Original Color

73.6526, 0.3443, 0.3291

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.9379, 0.3242, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6526, 0.3443, 0.3291 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, 213)` looks like.

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

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, 213) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 73.6526, 0.3443, 0.3291 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, 213) }
```

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

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

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, 213) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 73.6526, 0.3443, 0.3291 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, 213) }
```

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

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

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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