

Converting Colors

$Y_{xy}(73.7765, 0.3458, 0.3318)$

Have a look what the booklet for
Yxy(73.7765, 0.3458, 0.3318)
contains.

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Color

Yxy(73.5516, 0.3457, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5D3
RGB	255, 213, 211
RGB Percent	100%, 84%, 83%
CMY	0.0000, 0.1647, 0.1724
CMYK	0.00, 0.16, 0.17, 0.00
HSL	3°, 100%, 91%
HSV	3°, 17%, 100%
XYZ	76.7949, 73.5516, 71.7967
YIQ	225.3300, 25.6740, 8.2820

Conversions

Conversions Part 2

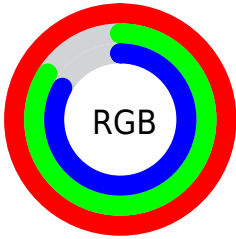
Format	Color
R _Y B	255, 213, 211
Decimal	16766419
CIE Lab	88.71, 14.36, 6.46
CIE LCh	89, 15.743, 24.212
Yxy	73.5516, 0.3457, 0.3311
Android (android.graphics.Color)	4294956499 (0xFFFFD5D3)
YUV	225.3300, -7.0647, 26.0206
Hunter-Lab	85.7622, 9.7521, 10.3984

Details

The Yxy color **73.5516, 0.3457, 0.3311** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.3414, 0.2865, 0.3269**, and the grayscale version is **75.5859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8938, 0.3534, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **61.0289, 0.3714, 0.3324**, and if you desaturate by 10%, it is **88.1238, 0.3251, 0.3298**.

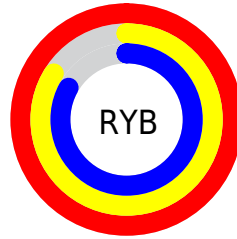
Distribution



Red (100%)

Green (84%)

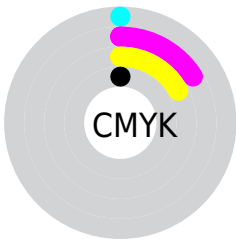
Blue (83%)



Red (100%)

Yellow (84%)

Blue (83%)

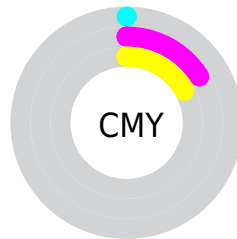


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5516, 0.3457, 0.3311 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 73.5516, 0.3457, 0.3311 by changing the saturation by 10% instead.

 73.5516, 0.3457,
0.3311

 73.5516, 0.3457,
0.3311


472.9243, 0.3304,
0.3303

 54.4271, 0.3492,
0.3312

124.2600, 0.3404,
0.3309

 38.9432, 0.3536,
0.3314

156.6126, 0.3383,
0.3308

 26.7156, 0.3591,
0.3315


194.1435, 0.3365,
0.3307

 17.3597, 0.3664,
0.3316

237.2369, 0.3350,
0.3306

 10.4913, 0.3764,
0.3317

286.2773, 0.3336,
0.3305

 5.7259, 0.3909,
0.3315

341.6491, 0.3324,

 2.6791, 0.4137,

0.3304

0.3307

403.7366, 0.3313,
0.3304

0.9666, 0.4617,
0.3324

0.0000, 1.0000,
0.0000

73.5516, 0.3457,
0.3311

73.5516, 0.3457,
0.3311

61.0289, 0.3714,
0.3324

88.1238, 0.3251,
0.3298

50.4544, 0.4030,
0.3338

100.0000, 0.3127,
0.3290

41.7333, 0.4410,
0.3350

34.7587, 0.4850,
0.3358

■ 29.4131, 0.5323,
0.3361

■ 25.5643, 0.5776,
0.3355

■ 23.0596, 0.6135,
0.3340

■ 21.7131, 0.6344,
0.3319

■ 21.5096, 0.6379,
0.3317

Harmonies

Analogous

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



73.5516, 0.3321, 0.3154



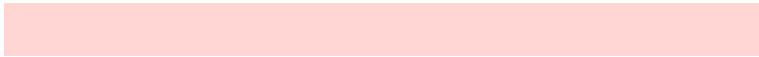
73.5516, 0.3457, 0.3311



73.5516, 0.3502, 0.3468

Triad

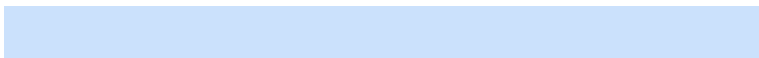
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5516, 0.3457, 0.3311



73.5516, 0.3112, 0.3568



73.5516, 0.2817, 0.2996

Complementary

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



73.5516, 0.3457, 0.3311



91.3414, 0.2865, 0.3269

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.



73.5516, 0.2766, 0.3096



73.5516, 0.3457, 0.3311



73.5516, 0.2933, 0.3430

Square

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



73.5516, 0.3457, 0.3311



73.5516, 0.3299, 0.3624



73.5516, 0.2808, 0.3255



73.5516, 0.2950, 0.2975

Rectangle

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



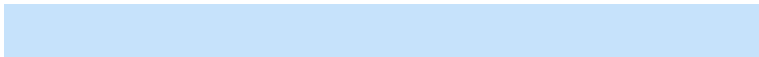
73.5516, 0.3457, 0.3311



73.5516, 0.3474, 0.3553



73.5516, 0.2808, 0.3255



73.5516, 0.2790, 0.3021

Sweetspot

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



73.5549, 0.3457, 0.3311



91.6805, 0.3210, 0.3296



74.9898, 0.3157, 0.2875



19.3824, 0.3223, 0.3297



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

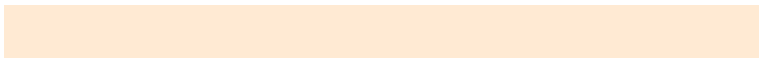
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5549, 0.3457, 0.3311



68.6138, 0.3547, 0.3316



85.0846, 0.3421, 0.3525



18.1176, 0.3293, 0.3301



11.2951, 0.6370, 0.3324



1.1437, 0.6297, 0.3382

Inverse Universe

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



91.3414, 0.2865, 0.3269



89.6968, 0.2811, 0.3264



78.5335, 0.2854, 0.3043



20.3334, 0.2980, 0.3279



37.5038, 0.2208, 0.3149



3.6931, 0.2213, 0.3166

Previews

White Background



This preview shows how the Yxy color 73.5516, 0.3457, 0.3311 looks on a white background.

Color Contrast Check

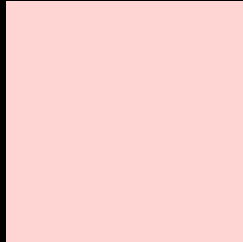
Large Text (above 18pt) WCAG AA × Fail

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 73.5516, 0.3457, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

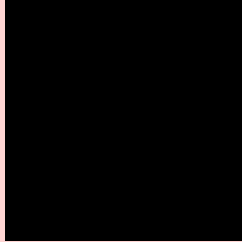
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5516, 0.3457, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 73.5516, 0.3457, 0.3311.

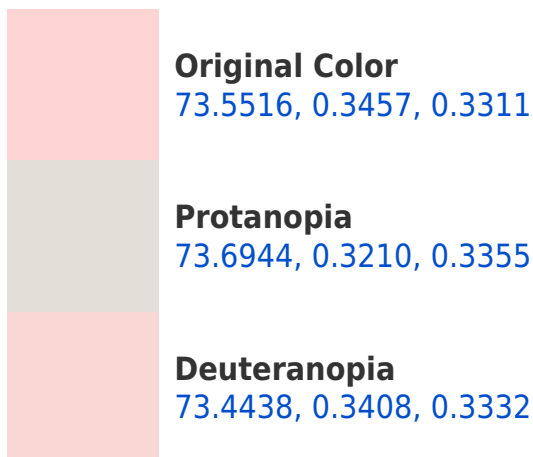


This preview shows how white text looks on a background with the Yxy color 73.5516, 0.3457, 0.3311.

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

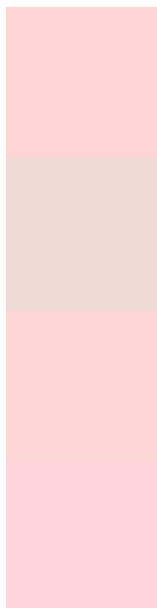




Tritanopia

73.3946, 0.3343, 0.3130

Trichromacy



Original Color

73.5516, 0.3457, 0.3311

Protanomaly

73.6952, 0.3299, 0.3343

Deuteranomaly

73.3055, 0.3425, 0.3322

Tritanomaly

73.5674, 0.3385, 0.3200

Monochromacy



Original Color

73.5516, 0.3457, 0.3311

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.7131, 0.3241, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5516, 0.3457, 0.3311 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 211) }
```

Border

The CSS property to change the border of an element to Yxy 73.5516, 0.3457, 0.3311 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, 211) }
```

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

```
.border{ border-color:rgb(255, 213, 211) }
```

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, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5516, 0.3457, 0.3311 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, 211) }
```

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

```
.background{ background-color: rgb(255,  
213, 211) }
```

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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