

Converting Colors

$Y_{xy}(76.4365, 0.3556, 0.3303)$

Have a look what the booklet for
Yxy(76.4365, 0.3556, 0.3303)
contains.

Yxy(73.6020, 0.3450, 0.3301)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.6020, 0.3450, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5D4
RGB	255, 213, 212
RGB Percent	100%, 84%, 83%
CMY	0.0000, 0.1647, 0.1686
CMYK	0.00, 0.16, 0.17, 0.00
HSL	1°, 100%, 92%
HSV	1°, 17%, 100%
XYZ	76.9242, 73.6020, 72.4426
YIQ	225.4440, 25.3530, 8.5930

Conversions

Conversions Part 2

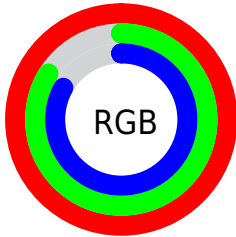
Format	Color
R _Y B	255, 213, 212
Decimal	16766420
CIE Lab	88.73, 14.52, 5.98
CIE LCh	89, 15.699, 22.380
Yxy	73.6020, 0.3450, 0.3301
Android (android.graphics.Color)	4294956500 (0xFFFFD5D4)
YUV	225.4440, -6.6279, 25.9206
Hunter-Lab	85.7916, 9.9150, 9.9896

Details

The Yxy color **73.6020, 0.3450, 0.3301** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.1068, 0.2871, 0.3279**, and the grayscale version is **75.6647, 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 **60.8299, 0.3707, 0.3308**, and if you desaturate by 10%, it is **88.5004, 0.3244, 0.3294**.

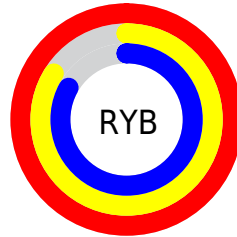
Distribution



Red (100%)

Green (84%)

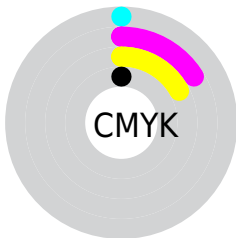
Blue (83%)



Red (100%)

Yellow (84%)

Blue (83%)

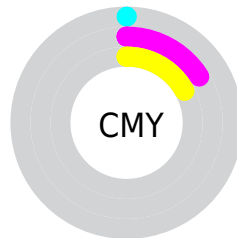


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6020, 0.3450, 0.3301 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 73.6020, 0.3450, 0.3301 by changing the saturation by 10% instead.

 73.6020, 0.3450,
0.3301

 73.6020, 0.3450,
0.3301

473.0986, 0.3300,
0.3298

 54.4684, 0.3484,
0.3301

124.3315, 0.3398,
0.3300

 38.9762, 0.3527,
0.3301


156.6960, 0.3377,
0.3300

 26.7412, 0.3581,
0.3301


194.2397, 0.3360,
0.3299

 17.3790, 0.3653,
0.3301

237.3469, 0.3345,
0.3299

 10.5051, 0.3750,
0.3298

286.4020, 0.3332,
0.3299

 5.7351, 0.3892,
0.3293

341.7894, 0.3320,

 2.6847, 0.4115,

0.3298

0.3280

403.8935, 0.3309,
0.3298

0.9694, 0.4572,
0.3280

0.0000, 1.0000,
0.0000

73.6020, 0.3450,
0.3301

73.6020, 0.3450,
0.3301

60.8299, 0.3707,
0.3308

88.5004, 0.3244,
0.3294

50.0897, 0.4025,
0.3316

100.0000, 0.3127,
0.3290

41.2759, 0.4409,
0.3322

34.2745, 0.4854,
0.3327

■ 28.9597, 0.5333,
0.3329

■ 25.1895, 0.5790,
0.3327

■ 22.7985, 0.6149,
0.3319

■ 21.5837, 0.6352,
0.3309

■ 21.3877, 0.6390,
0.3309

Harmonies

Analogous

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



73.6020, 0.3310, 0.3146



73.6020, 0.3450, 0.3301



73.6020, 0.3501, 0.3459

Triad

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



73.6020, 0.3450, 0.3301



73.6020, 0.3123, 0.3573



73.6020, 0.2813, 0.3001

Complementary

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



73.6020, 0.3450, 0.3301



92.1068, 0.2871, 0.3279

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.



73.6020, 0.2767, 0.3105



73.6020, 0.3450, 0.3301



73.6020, 0.2943, 0.3440

Square

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



73.6020, 0.3450, 0.3301



73.6020, 0.3309, 0.3623



73.6020, 0.2814, 0.3266



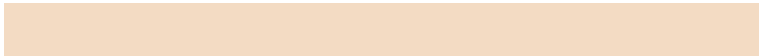
73.6020, 0.2941, 0.2975

Rectangle

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



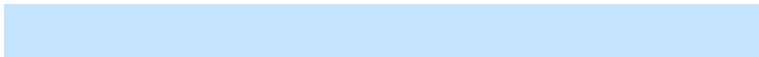
73.6020, 0.3450, 0.3301



73.6020, 0.3477, 0.3545



73.6020, 0.2814, 0.3266



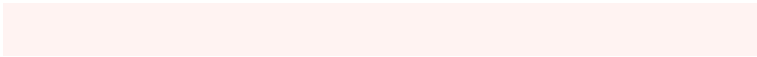
73.6020, 0.2787, 0.3027

Sweetspot

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



73.6011, 0.3450, 0.3301



91.5145, 0.3211, 0.3293



75.5239, 0.3152, 0.2877



19.3422, 0.3223, 0.3294



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

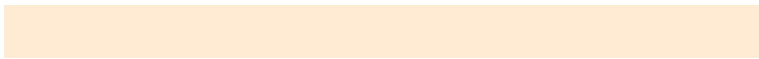
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6011, 0.3450, 0.3301



69.3667, 0.3525, 0.3303



84.9845, 0.3415, 0.3513



18.0541, 0.3294, 0.3296



11.2046, 0.6385, 0.3312



1.1135, 0.6346, 0.3343

Inverse Universe

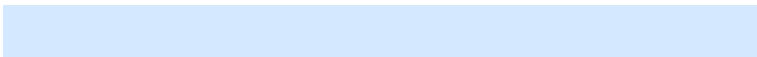
The Inverse Universe completely reimagines the original color for something new.



92.1068, 0.2871, 0.3279



90.8291, 0.2826, 0.3277



79.3749, 0.2861, 0.3057



20.4053, 0.2980, 0.3284



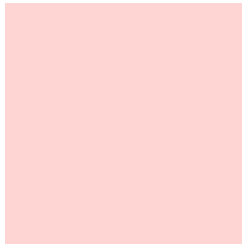
39.2448, 0.2227, 0.3217



3.8431, 0.2229, 0.3226

Previews

White Background



This preview shows how the Yxy color 73.6020, 0.3450, 0.3301 looks on a white background.

Color Contrast Check

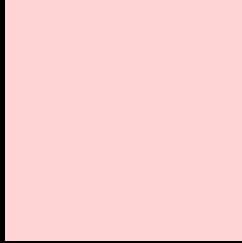
Large Text (above 18pt) WCAG AA × Fail

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 73.6020, 0.3450, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

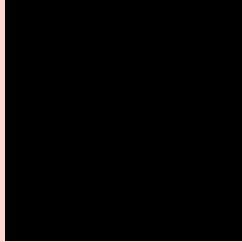
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6020, 0.3450, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 73.6020, 0.3450, 0.3301.

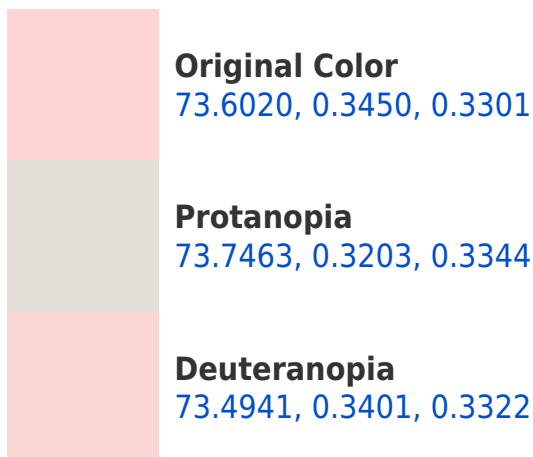


This preview shows how white text looks on a background with the Yxy color 73.6020, 0.3450, 0.3301.

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

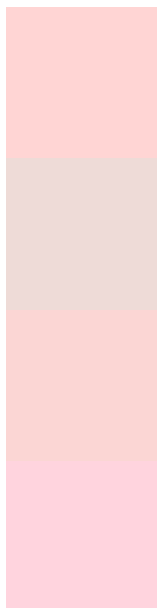




Tritanopia

73.3946, 0.3343, 0.3130

Trichromacy



Original Color

73.6020, 0.3450, 0.3301

Protanomaly

73.7465, 0.3292, 0.3333

Deuteranomaly

73.3558, 0.3418, 0.3311

Tritanomaly

73.6209, 0.3378, 0.3190

Monochromacy



Original Color

73.6020, 0.3450, 0.3301

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 73.6020, 0.3450, 0.3301 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 212) }
```

Border

The CSS property to change the border of an element to Yxy 73.6020, 0.3450, 0.3301 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, 212) }
```

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

```
.border{ border-color:rgb(255, 213, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6020, 0.3450, 0.3301 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
213, 212) }
```

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