

Converting Colors

$Yxy(73.1774, 0.3384, 0.3353)$

Have a look what the booklet for
Yxy(73.1774, 0.3384, 0.3353)
contains.

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Color

Yxy(73.1774, 0.3384, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	F5D8D2
RGB	245, 216, 210
RGB Percent	96%, 85%, 82%
CMY	0.0391, 0.1530, 0.1764
CMYK	0.00, 0.12, 0.14, 0.04
HSL	10°, 64%, 89%
HSV	10°, 14%, 96%
XYZ	73.8540, 73.1774, 71.2132
YIQ	223.9870, 19.2100, 4.2820

Conversions

Conversions Part 2

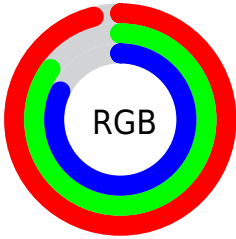
Format	Color
R _Y B	245, 217, 210
Decimal	16111826
CIE Lab	88.53, 9.10, 6.62
CIE LCh	89, 11.257, 36.038
Yxy	73.1774, 0.3384, 0.3353
Android (android.graphics.Color)	4294301906 (0xFF5D8D2)
YUV	223.9870, -6.8956, 18.4284
Hunter-Lab	85.5438, 4.4058, 10.5231

Details

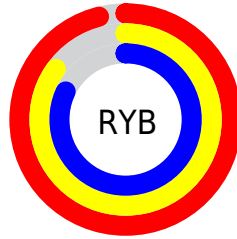
The Yxy color $73.1774, 0.3384, 0.3353$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $82.0610, 0.2907, 0.3226$, and the grayscale version is $74.5761, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.5814, 0.3437, 0.3358$ is the 20% darker color. If you saturate the color by 10%, you get $62.2761, 0.3612, 0.3401$, and if you desaturate by 10%, it is $85.5595, 0.3197, 0.3308$.

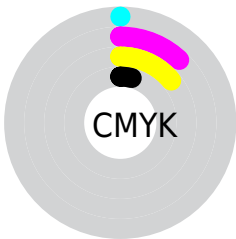
Distribution



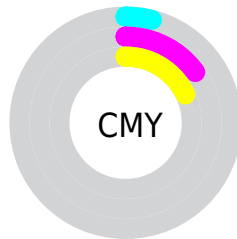
- Red (96%)
- Green (85%)
- Blue (82%)



- Red (96%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1774, 0.3384, 0.3353 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 73.1774, 0.3384, 0.3353 by changing the saturation by 10% instead.


 73.1774, 0.3384,
0.3353

 73.1774, 0.3384,
0.3353


471.6294, 0.3265,
0.3325

 54.1210, 0.3411,
0.3359


123.7290, 0.3342,
0.3344

 38.6984, 0.3445,
0.3366


155.9931, 0.3326,
0.3340

 26.5252, 0.3489,
0.3375


193.4285, 0.3312,
0.3337

 17.2170, 0.3546,
0.3387

236.4196, 0.3300,
0.3334

 10.3893, 0.3623,
0.3402

285.3509, 0.3290,
0.3331

 5.6578, 0.3737,
0.3421

340.6067, 0.3280,

 2.6382, 0.3916,

0.3329

402.5714, 0.3272,
0.3327

0.3448

0.9459, 0.4325,
0.3552

0.0000, 1.0000,
0.0000

73.1774, 0.3384,
0.3353

73.1774, 0.3384,
0.3353

62.2761, 0.3612,
0.3401

85.5595, 0.3197,
0.3308

52.7907, 0.3887,
0.3449

98.1580, 0.3066,
0.3290

44.6655, 0.4215,
0.3495

37.8378, 0.4596,
0.3533

■ 32.2397, 0.5015,
0.3556

■ 27.7970, 0.5445,
0.3555

■ 24.4273, 0.5834,
0.3523

■ 22.0367, 0.6130,
0.3460

■ 21.0630, 0.6249,
0.3420

Harmonies

Analogous

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



73.1774, 0.3310, 0.3236



73.1774, 0.3384, 0.3353



73.1774, 0.3387, 0.3457

Triad

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



73.1774, 0.3384, 0.3353



73.1774, 0.3063, 0.3454



73.1774, 0.2936, 0.3065

Complementary

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



73.1774, 0.3384, 0.3353



82.0610, 0.2907, 0.3226

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.



73.1774, 0.2874, 0.3117



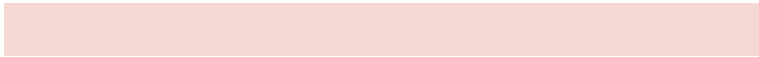
73.1774, 0.3384, 0.3353



73.1774, 0.2946, 0.3342

Square

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



73.1774, 0.3384, 0.3353



73.1774, 0.3200, 0.3520



73.1774, 0.2877, 0.3218



73.1774, 0.3050, 0.3072

Rectangle

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



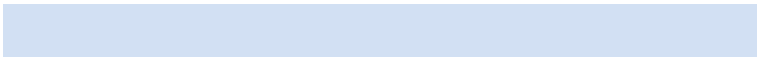
73.1774, 0.3384, 0.3353



73.1774, 0.3349, 0.3505



73.1774, 0.2877, 0.3218



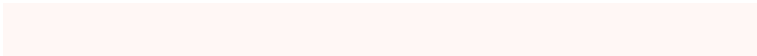
73.1774, 0.2909, 0.3076

Sweetspot

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



73.1807, 0.3384, 0.3353



94.0821, 0.3192, 0.3307



71.7618, 0.3184, 0.2993



19.9057, 0.3205, 0.3310



0.0000, 0.0000, 0.0000



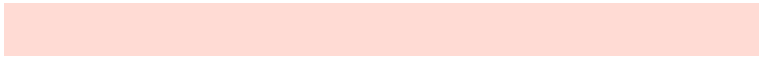
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1807, 0.3384, 0.3353



76.6866, 0.3442, 0.3366



82.5530, 0.3358, 0.3530



16.9398, 0.3289, 0.3331



11.4796, 0.6227, 0.3437



1.1366, 0.6009, 0.3611

Inverse Universe

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



82.0610, 0.2907, 0.3226



88.0523, 0.2866, 0.3213



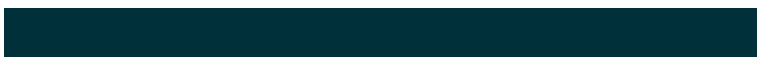
72.3743, 0.2901, 0.3038



18.2479, 0.2980, 0.3249



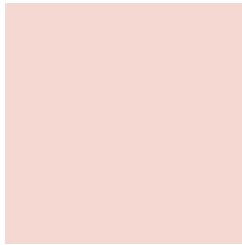
26.7818, 0.2093, 0.2736



2.4783, 0.2115, 0.2812

Previews

White Background



This preview shows how the Yxy color 73.1774, 0.3384, 0.3353 looks on a white background.

Color Contrast Check

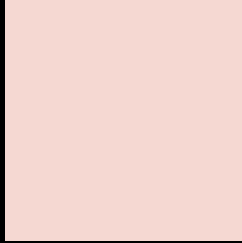
Large Text (above 18pt) WCAG AA × Fail

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 73.1774, 0.3384, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

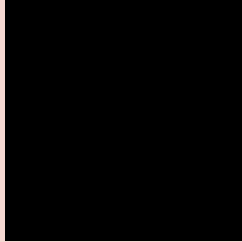
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

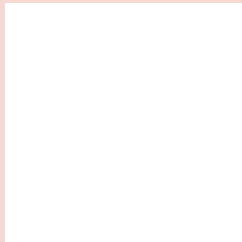
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1774, 0.3384, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 73.1774, 0.3384, 0.3353.

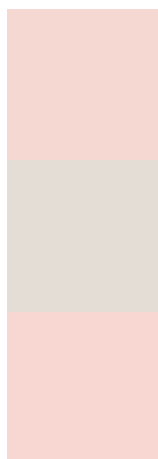


This preview shows how white text looks on a background with the Yxy color 73.1774, 0.3384, 0.3353.

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

73.1774, 0.3384, 0.3353

Protanopia

73.0110, 0.3231, 0.3376

Deuteranopia

73.2105, 0.3408, 0.3343



Tritanopia

73.2581, 0.3268, 0.3117

Trichromacy



Original Color

73.1774, 0.3384, 0.3353

Protanomaly

72.9089, 0.3284, 0.3365

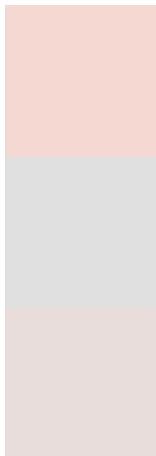
Deuteranomaly

73.0282, 0.3400, 0.3343

Tritanomaly

73.1950, 0.3309, 0.3198

Monochromacy



Original Color

73.1774, 0.3384, 0.3353

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.9832, 0.3219, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1774, 0.3384, 0.3353 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(245, 216, 210)` looks like.

```
.text, #text, p{  
    color:rgb(245, 216, 210)  
}
```

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(245, 216, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 216, 210) }
```

Border

The CSS property to change the border of an element to Yxy 73.1774, 0.3384, 0.3353 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(245, 216, 210) }
```

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

```
.border{ border-color:rgb(245, 216, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 216, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 216, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 216, 210);  
box-shadow:4px 4px 4px 4px rgb(245, 216,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1774, 0.3384, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 216, 210) }
```

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

```
.background{ background-color: rgb(245,  
216, 210) }
```

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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