

Converting Colors

$Y_{xy}(72.9978, 0.3388, 0.3190)$

Have a look what the booklet for
Yxy(72.9978, 0.3388, 0.3190)
contains.

Yxy(73.0690, 0.3387, 0.3190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(73.0690, 0.3387, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3DD
RGB	255, 211, 221
RGB Percent	100%, 83%, 87%
CMY	0.0000, 0.1725, 0.1334
CMYK	0.00, 0.17, 0.13, 0.00
HSL	346°, 100%, 91%
HSV	346°, 17%, 100%
XYZ	77.5814, 73.0690, 78.4060
YIQ	225.2960, 23.0140, 12.4380

Conversions

Conversions Part 2

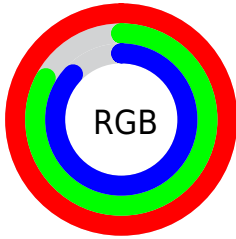
Format	Color
R _{YB}	255, 211, 221
Decimal	16765917
CIE Lab	88.48, 16.93, 0.87
CIE LCh	88, 16.954, 2.958
Yxy	73.0690, 0.3387, 0.3190
Android (android.graphics.Color)	4294955997 (0xFFFFD3DD)
YUV	225.2960, -2.1179, 26.0504
Hunter-Lab	85.4804, 12.4146, 5.4531

Details

The Yxy color **73.0690, 0.3387, 0.3190** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.9614, 0.2919, 0.3393**, and the grayscale version is **75.5232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5359, 0.3451, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **60.4005, 0.3587, 0.3128**, and if you desaturate by 10%, it is **87.8771, 0.3225, 0.3249**.

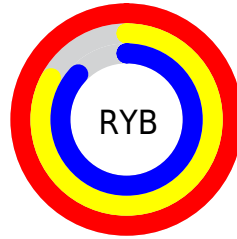
Distribution



Red (100%)

Green (83%)

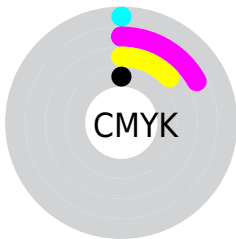
Blue (87%)



Red (100%)

Yellow (83%)

Blue (87%)

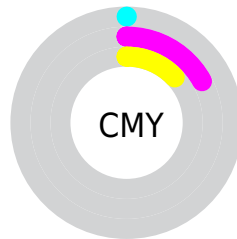


Cyan (0%)

Magenta (17%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0690, 0.3387, 0.3190 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 73.0690, 0.3387, 0.3190 by changing the saturation by 10% instead.

 73.0690, 0.3387,
0.3190

 73.0690, 0.3387,
0.3190


471.2539, 0.3267,
0.3237

 54.0324, 0.3415,
0.3179


123.5752, 0.3345,
0.3206

 38.6276, 0.3449,
0.3166


155.8135, 0.3329,
0.3213

 26.4701, 0.3492,
0.3149


193.2212, 0.3315,
0.3218

 17.1757, 0.3549,
0.3127

236.1826, 0.3303,
0.3223

 10.3598, 0.3626,
0.3096

285.0822, 0.3292,
0.3227

 5.6382, 0.3739,
0.3051

340.3044, 0.3283,

 2.6263, 0.3916,

0.3231

0.2980

402.2335, 0.3274,
0.3234

■ 0.9399, 0.4234,
0.2851

■ 0.0000, 1.0000,
0.0000

■ 73.0690, 0.3387,
0.3190

■ 73.0690, 0.3387,
0.3190

■ 60.4005, 0.3587,
0.3128

■ 87.8771, 0.3225,
0.3249

■ 49.7631, 0.3833,
0.3066

99.9990, 0.3127,
0.3290

■ 41.0534, 0.4129,
0.3009

■ 34.1550, 0.4477,
0.2963

■ 28.9389, 0.4867,
0.2940

■ 25.2590, 0.5274,
0.2948

■ 22.9436, 0.5657,
0.2996

■ 21.7726, 0.5971,
0.3079

■ 21.5624, 0.6044,
0.3103

Harmonies

Analogous

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



73.0690, 0.3195, 0.3045



73.0690, 0.3387, 0.3190



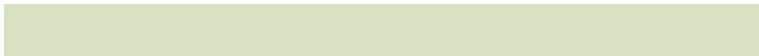
73.0690, 0.3509, 0.3363

Triad

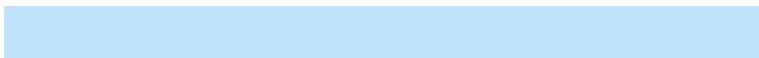
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0690, 0.3387, 0.3190



73.0690, 0.3255, 0.3644



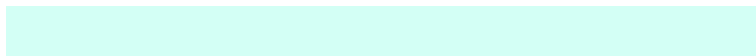
73.0690, 0.2744, 0.3041

Complementary

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



73.0690, 0.3387, 0.3190



91.9614, 0.2919, 0.3393

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.



73.0690, 0.2760, 0.3197



73.0690, 0.3387, 0.3190



73.0690, 0.3050, 0.3555

Square

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



73.0690, 0.3387, 0.3190



73.0690, 0.3430, 0.3630



73.0690, 0.2870, 0.3388



73.0690, 0.2827, 0.2957

Rectangle

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



73.0690, 0.3387, 0.3190



73.0690, 0.3532, 0.3475



73.0690, 0.2870, 0.3388



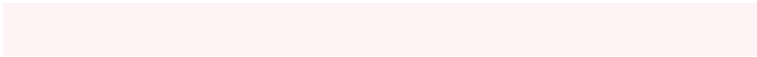
73.0690, 0.2738, 0.3086

Sweetspot

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



73.0723, 0.3387, 0.3190



91.5143, 0.3193, 0.3262



73.1778, 0.3074, 0.2851



19.3422, 0.3203, 0.3258



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

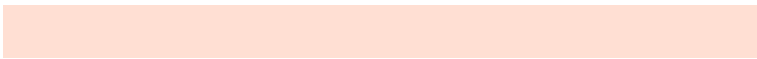
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0723, 0.3387, 0.3190



68.0774, 0.3457, 0.3167



78.5992, 0.3440, 0.3409



18.0545, 0.3258, 0.3236



11.2858, 0.6006, 0.3082



1.1146, 0.5698, 0.2912

Inverse Universe

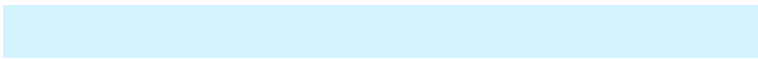
The Inverse Universe completely reimagines the original color for something new.



73.0723, 0.3387, 0.3190



68.0774, 0.3457, 0.3167



85.3305, 0.2860, 0.3168



18.0545, 0.3258, 0.3236



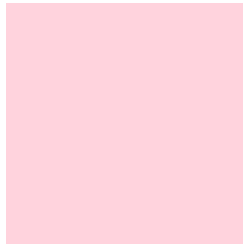
11.2858, 0.6006, 0.3082



1.1146, 0.5698, 0.2912

Previews

White Background



This preview shows how the Yxy color 73.0690, 0.3387, 0.3190 looks on a white background.

Color Contrast Check

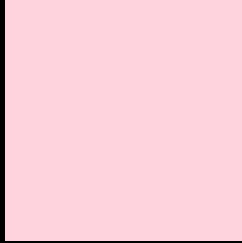
Large Text (above 18pt) WCAG AA × Fail

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 73.0690, 0.3387, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

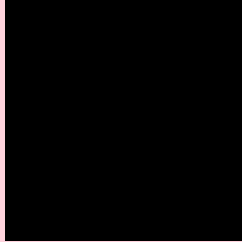
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0690, 0.3387, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 73.0690, 0.3387, 0.3190.



This preview shows how white text looks on a background with the Yxy color 73.0690, 0.3387, 0.3190.

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

73.0690, 0.3387, 0.3190

Protanopia

73.2665, 0.3116, 0.3226

Deuteranopia

73.0013, 0.3306, 0.3239



Tritanopia

72.8442, 0.3352, 0.3130

Trichromacy



Original Color

73.0690, 0.3387, 0.3190

Protanomaly

72.8948, 0.3211, 0.3206

Deuteranomaly

73.2169, 0.3337, 0.3229

Tritanomaly

72.7350, 0.3366, 0.3150

Monochromacy



Original Color

73.0690, 0.3387, 0.3190

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.4011, 0.3215, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0690, 0.3387, 0.3190 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, 211, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 221)  
}
```

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, 211, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 221) }
```

Border

The CSS property to change the border of an element to Yxy 73.0690, 0.3387, 0.3190 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, 211, 221) }
```

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

```
.border{ border-color:rgb(255, 211, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0690, 0.3387, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 221) }
```

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

```
.background{ background-color: rgb(255,  
211, 221) }
```

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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