

Converting Colors

$Y_{xy}(73.4781, 0.3312, 0.3291)$

Have a look what the booklet for
Yxy(73.4781, 0.3312, 0.3291)
contains.

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Color

Yxy(73.5127, 0.3310, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	F2D9D9
RGB	242, 217, 217
RGB Percent	95%, 85%, 85%
CMY	0.0512, 0.1489, 0.1491
CMYK	0.00, 0.10, 0.10, 0.05
HSL	0°, 49%, 90%
HSV	0°, 10%, 95%
XYZ	73.9371, 73.5127, 75.9251
YIQ	224.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

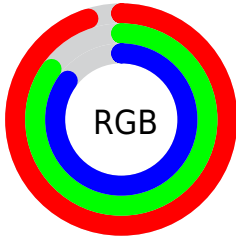
Format	Color
R _Y B	242, 217, 217
Decimal	15915481
CIE Lab	88.69, 8.59, 3.15
CIE LCh	89, 9.147, 20.143
Yxy	73.5127, 0.3310, 0.3291
Android (android.graphics.Color)	4294105561 (0xFFFF2D9D9)
YUV	224.4750, -3.6852, 15.3694
Hunter-Lab	85.7395, 3.8845, 7.5145

Details

The Yxy color **73.5127, 0.3310, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.5955, 0.2968, 0.3289**, and the grayscale version is **74.9143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8884, 0.3359, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **60.7944, 0.3533, 0.3292**, and if you desaturate by 10%, it is **88.2436, 0.3132, 0.3290**.

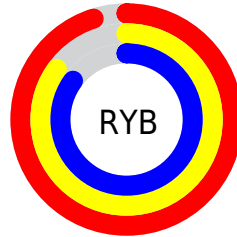
Distribution



Red (95%)

Green (85%)

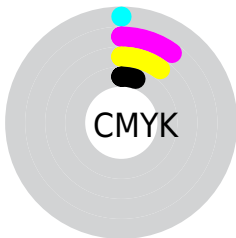
Blue (85%)



Red (95%)

Yellow (85%)

Blue (85%)

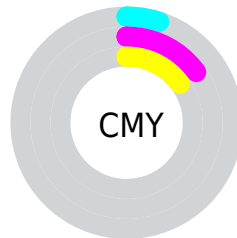


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (5%)



Cyan (5%)


Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5127, 0.3310, 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 73.5127, 0.3310, 0.3291 by changing the saturation by 10% instead.

 73.5127, 0.3310,
0.3291

 73.5127, 0.3310,
0.3291

472.7898, 0.3225,
0.3291

 54.3953, 0.3329,
0.3291


124.2048, 0.3281,
0.3291

 38.9178, 0.3354,
0.3291


156.5482, 0.3269,
0.3291

 26.6958, 0.3384,
0.3290


194.0692, 0.3259,
0.3291

 17.3449, 0.3424,
0.3289

237.1520, 0.3251,
0.3291

 10.4807, 0.3479,
0.3288

286.1811, 0.3243,
0.3291

 5.7188, 0.3559,
0.3285

341.5408, 0.3236,

 2.6749, 0.3685,

0.3291

0.3279

403.6156, 0.3231,
0.3291

0.9644, 0.3923,
0.3271

0.0000, 1.0000,
0.0000

73.5127, 0.3310,
0.3291

73.5127, 0.3310,
0.3291

60.7944, 0.3533,
0.3292

88.2436, 0.3132,
0.3290

49.9922, 0.3812,
0.3294

97.6063, 0.3047,
0.3290

41.0161, 0.4155,
0.3295

33.7654, 0.4566,
0.3297

■ 28.1293, 0.5032,
0.3298

■ 23.9845, 0.5515,
0.3300

■ 21.1897, 0.5947,
0.3300

■ 19.5766, 0.6251,
0.3301

■ 18.8761, 0.6400,
0.3300

Harmonies

Analogous

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



73.5127, 0.3226, 0.3199



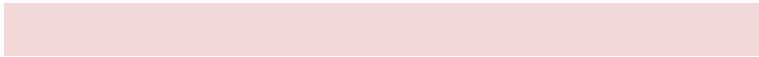
73.5127, 0.3310, 0.3291



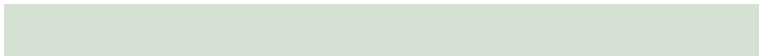
73.5127, 0.3344, 0.3385

Triad

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



73.5127, 0.3310, 0.3291



73.5127, 0.3134, 0.3457



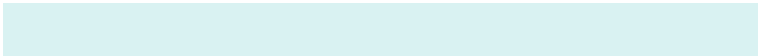
73.5127, 0.2939, 0.3124

Complementary

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



73.5127, 0.3310, 0.3291



84.5955, 0.2968, 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.



73.5127, 0.2915, 0.3190



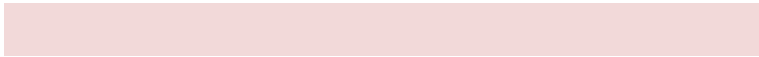
73.5127, 0.3310, 0.3291



73.5127, 0.3027, 0.3384

Square

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



73.5127, 0.3310, 0.3291



73.5127, 0.3241, 0.3483



73.5127, 0.2947, 0.3285



73.5127, 0.3012, 0.3103

Rectangle

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



73.5127, 0.3310, 0.3291



73.5127, 0.3333, 0.3436



73.5127, 0.2947, 0.3285



73.5127, 0.2925, 0.3142

Sweetspot

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



73.5159, 0.3310, 0.3291



94.7416, 0.3176, 0.3290



74.8900, 0.3139, 0.3036



19.9855, 0.3190, 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.



73.5159, 0.3310, 0.3291



80.2211, 0.3345, 0.3291



80.1687, 0.3295, 0.3419



15.7636, 0.3293, 0.3291



10.1485, 0.6399, 0.3301



0.8459, 0.6396, 0.3304

Inverse Universe

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



84.5955, 0.2968, 0.3289



94.6147, 0.2943, 0.3289



77.4498, 0.2967, 0.3157



17.9236, 0.2981, 0.3289



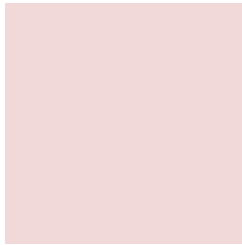
37.4164, 0.2245, 0.3282



3.1143, 0.2245, 0.3283

Previews

White Background



This preview shows how the Yxy color 73.5127, 0.3310, 0.3291 looks on a white background.

Color Contrast Check

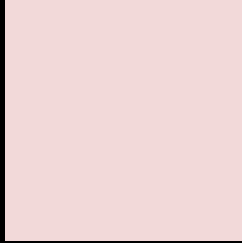
Large Text (above 18pt) WCAG AA × Fail

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 73.5127, 0.3310, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

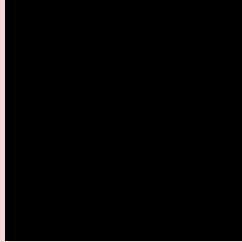
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

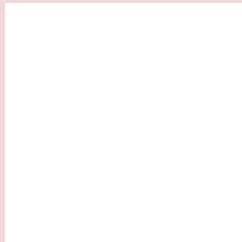
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5127, 0.3310, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 73.5127, 0.3310, 0.3291.

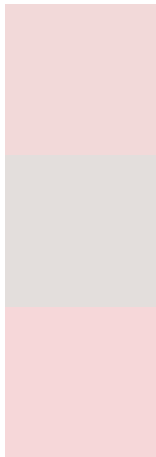


This preview shows how white text looks on a background with the Yxy color 73.5127, 0.3310, 0.3291.

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

73.5127, 0.3310, 0.3291

Protanopia

73.7408, 0.3176, 0.3312

Deuteranopia

73.2035, 0.3343, 0.3270



Tritanopia

73.6602, 0.3223, 0.3116

Trichromacy



Original Color

73.5127, 0.3310, 0.3291

Protanomaly

73.4567, 0.3220, 0.3301

Deuteranomaly

73.5340, 0.3334, 0.3280

Tritanomaly

73.7125, 0.3249, 0.3177

Monochromacy



Original Color

73.5127, 0.3310, 0.3291

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.9223, 0.3199, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5127, 0.3310, 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(242, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 217)  
}
```

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(242, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 217) }
```

Border

The CSS property to change the border of an element to Yxy 73.5127, 0.3310, 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(242, 217, 217) }
```

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

```
.border{ border-color:rgb(242, 217, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5127, 0.3310, 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(242, 217, 217) }
```

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

```
.background{ background-color: rgb(242,  
217, 217) }
```

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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