

Converting Colors

$Y_{xy}(75.1890, 0.33336, 0.3210)$

Have a look what the booklet for
Yxy(75.1890, 0.3336, 0.3210)
contains.

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Color

Yxy(75.1890, 0.3336, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	FCD8E0
RGB	252, 216, 224
RGB Percent	99%, 85%, 88%
CMY	0.0120, 0.1528, 0.1216
CMYK	0.00, 0.14, 0.11, 0.01
HSL	347°, 85%, 92%
HSV	347°, 14%, 99%
XYZ	78.1403, 75.1890, 80.9043
YIQ	227.6760, 18.8880, 10.1200

Conversions

Conversions Part 2

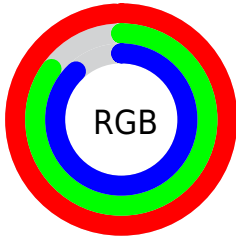
Format	Color
R _Y B	252, 216, 224
Decimal	16570592
CIE Lab	89.48, 13.74, 0.72
CIE LCh	89, 13.756, 2.985
Yxy	75.1890, 0.3336, 0.3210
Android (android.graphics.Color)	4294760672 (0xFFFC D8E0)
YUV	227.6760, -1.8123, 21.3321
Hunter-Lab	86.7116, 9.1104, 5.3789

Details

The Yxy color **75.1890, 0.3336, 0.3210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.7245, 0.2953, 0.3372**, and the grayscale version is **77.3355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9564, 0.3383, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **62.2517, 0.3525, 0.3150**, and if you desaturate by 10%, it is **90.2351, 0.3183, 0.3267**.

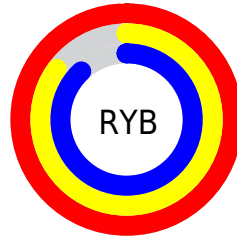
Distribution



Red (99%)

Green (85%)

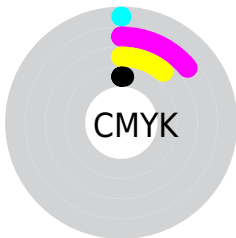
Blue (88%)



Red (99%)

Yellow (85%)

Blue (88%)

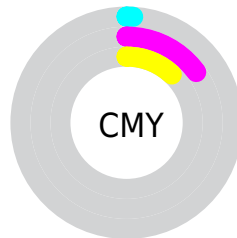


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (1%)



Cyan (1%)


Magenta (15%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1890, 0.3336, 0.3210 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 75.1890, 0.3336, 0.3210 by changing the saturation by 10% instead.


 75.1890, 0.3336,
0.3210

 75.1890, 0.3336,
0.3210


478.5669, 0.3240,
0.3247

 55.7677, 0.3358,
0.3202

126.5799, 0.3303,
0.3223

 40.0167, 0.3385,
0.3191


159.3183, 0.3290,
0.3228

 27.5516, 0.3419,
0.3178


197.2645, 0.3278,
0.3232

 17.9879, 0.3464,
0.3160

240.8029, 0.3269,
0.3236

 10.9413, 0.3525,
0.3136

290.3180, 0.3260,
0.3239

 6.0274, 0.3612,
0.3102

346.1941, 0.3253,

 2.8617, 0.3749,

0.3242

0.3048

408.8156, 0.3246,
0.3245

■ 1.0600, 0.3993,
0.2950

■ 0.0000, 1.0000,
0.0000

■ 75.1890, 0.3336,
0.3210

■ 75.1890, 0.3336,
0.3210

■ 62.2517, 0.3525,
0.3150

■ 90.2351, 0.3183,
0.3267

■ 51.3191, 0.3758,
0.3089

■ 99.4264, 0.3108,
0.3290

■ 42.2935, 0.4040,
0.3031

■ 35.0647, 0.4375,
0.2983

■ 29.5115, 0.4757,
0.2952

■ 25.4974, 0.5164,
0.2951

■ 22.8643, 0.5561,
0.2986

■ 21.4194, 0.5900,
0.3060

■ 20.9703, 0.6057,
0.3110

Harmonies

Analogous

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



75.1890, 0.3183, 0.3092



75.1890, 0.3336, 0.3210



75.1890, 0.3433, 0.3351

Triad

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



75.1890, 0.3336, 0.3210



75.1890, 0.3231, 0.3573



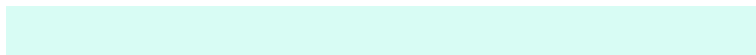
75.1890, 0.2818, 0.3090

Complementary

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



75.1890, 0.3336, 0.3210



90.7245, 0.2953, 0.3372

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.



75.1890, 0.2830, 0.3217



75.1890, 0.3336, 0.3210



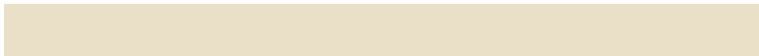
75.1890, 0.3066, 0.3501

Square

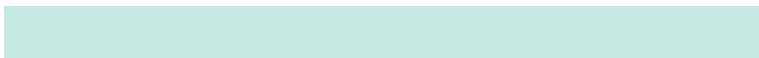
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1890, 0.3336, 0.3210



75.1890, 0.3371, 0.3563



75.1890, 0.2920, 0.3369



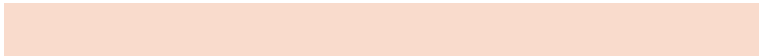
75.1890, 0.2885, 0.3021

Rectangle

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



75.1890, 0.3336, 0.3210



75.1890, 0.3452, 0.3440



75.1890, 0.2920, 0.3369



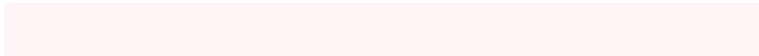
75.1890, 0.2813, 0.3127

Sweetspot

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



75.1923, 0.3336, 0.3210



93.1630, 0.3180, 0.3268



75.3062, 0.3085, 0.2930



19.6742, 0.3190, 0.3264



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

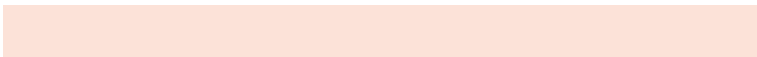
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1923, 0.3336, 0.3210



73.4062, 0.3384, 0.3194



79.8243, 0.3379, 0.3388



17.2882, 0.3259, 0.3238



10.9463, 0.6019, 0.3089



1.0290, 0.5695, 0.2911

Inverse Universe

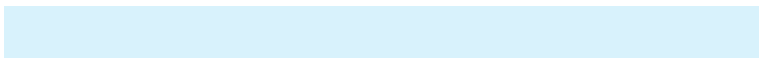
The Inverse Universe completely reimagines the original color for something new.



75.1923, 0.3336, 0.3210



73.4062, 0.3384, 0.3194



85.3537, 0.2906, 0.3190



17.2882, 0.3259, 0.3238



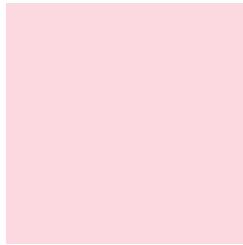
10.9463, 0.6019, 0.3089



1.0290, 0.5695, 0.2911

Previews

White Background



This preview shows how the Yxy color 75.1890, 0.3336, 0.3210 looks on a white background.

Color Contrast Check

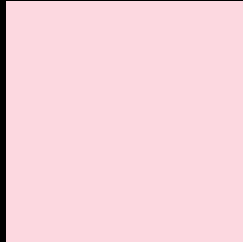
Large Text (above 18pt) WCAG AA × Fail

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 75.1890, 0.3336, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

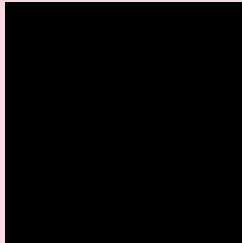
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1890, 0.3336, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 75.1890, 0.3336, 0.3210.

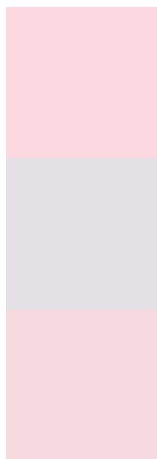


This preview shows how white text looks on a background with the Yxy color 75.1890, 0.3336, 0.3210.

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

75.1890, 0.3336, 0.3210

Protanopia

75.4624, 0.3123, 0.3237

Deuteranopia

75.2988, 0.3297, 0.3229



Tritanopia

75.3097, 0.3288, 0.3120

Trichromacy



Original Color

75.1890, 0.3336, 0.3210

Protanomaly

75.2635, 0.3201, 0.3228

Deuteranomaly

75.1473, 0.3313, 0.3219

Tritanomaly

75.1407, 0.3309, 0.3150

Monochromacy



Original Color

75.1890, 0.3336, 0.3210

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.8619, 0.3199, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1890, 0.3336, 0.3210 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(252, 216, 224)` looks like.

```
.text, #text, p{  
    color:rgb(252, 216, 224)  
}
```

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(252, 216, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 216, 224) }
```

Border

The CSS property to change the border of an element to Yxy 75.1890, 0.3336, 0.3210 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(252, 216, 224) }
```

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

```
.border{ border-color:rgb(252, 216, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 216, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 216, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 216, 224);  
box-shadow:4px 4px 4px 4px rgb(252, 216,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1890, 0.3336, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 216, 224) }
```

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

```
.background{ background-color: rgb(252,  
216, 224) }
```

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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