

Converting Colors

$Y_{xy}(95.4315, 0.3945, 0.3212)$

Have a look what the booklet for
Yxy(95.4315, 0.3945, 0.3212)
contains.

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Color

Yxy(75.8627, 0.3344, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8E2
RGB	255, 216, 226
RGB Percent	100%, 85%, 89%
CMY	0.0000, 0.1529, 0.1136
CMYK	0.00, 0.15, 0.11, 0.00
HSL	345°, 100%, 92%
HSV	345°, 15%, 100%
XYZ	79.5250, 75.8627, 82.4264
YIQ	228.8010, 20.0340, 11.3780

Conversions

Conversions Part 2

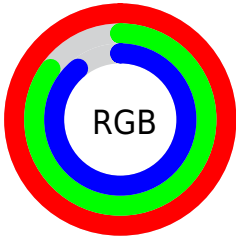
Format	Color
R _Y B	255, 216, 226
Decimal	16767202
CIE Lab	89.80, 15.13, 0.13
CIE LCh	90, 15.134, 0.489
Yxy	75.8627, 0.3344, 0.3190
Android (android.graphics.Color)	4294957282 (0xFFFFD8E2)
YUV	228.8010, -1.3809, 22.9765
Hunter-Lab	87.0992, 10.5540, 4.8603

Details

The Yxy color $75.8627, 0.3344, 0.3190$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $92.7065, 0.2948, 0.3393$, and the grayscale version is $78.2030, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.4358, 0.3393, 0.3162$ is the 20% darker color. If you saturate the color by 10%, you get $62.8148, 0.3528, 0.3120$, and if you desaturate by 10%, it is $91.0596, 0.3194, 0.3257$.

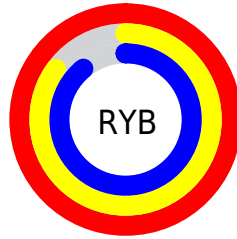
Distribution



Red (100%)

Green (85%)

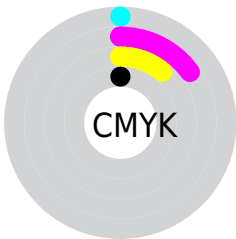
Blue (89%)



Red (100%)

Yellow (85%)

Blue (89%)

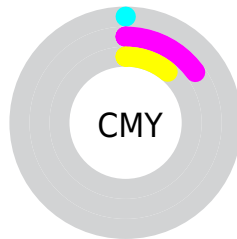


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.8627, 0.3344, 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 75.8627, 0.3344, 0.3190 by changing the saturation by 10% instead.


 75.8627, 0.3344,
0.3190

 75.8627, 0.3344,
0.3190

480.8776, 0.3244,
0.3236

 56.3199, 0.3367,
0.3180


127.5328, 0.3310,
0.3206

 40.4595, 0.3395,
0.3167

160.4289, 0.3296,
0.3212

 27.8970, 0.3430,
0.3150


198.5450, 0.3284,
0.3218

 18.2480, 0.3476,
0.3129

242.2653, 0.3274,
0.3222

 11.1282, 0.3538,
0.3100

291.9743, 0.3266,
0.3226

 6.1531, 0.3628,
0.3058

348.0565, 0.3258,

 2.9384, 0.3767,

0.3230

0.2994

410.8961, 0.3251,
0.3233

■ 1.0997, 0.4013,
0.2879

■ 0.0000, 1.0000,
0.0000

■ 75.8627, 0.3344,
0.3190

■ 75.8627, 0.3344,
0.3190

■ 62.8148, 0.3528,
0.3120

■ 91.0596, 0.3194,
0.3257

■ 51.8089, 0.3754,
0.3049

99.9989, 0.3127,
0.3290

■ 42.7438, 0.4028,
0.2982

■ 35.5060, 0.4350,
0.2926

■ 29.9697, 0.4716,
0.2891

■ 25.9935, 0.5107,
0.2888

■ 23.4123, 0.5490,
0.2927

■ 22.0234, 0.5821,
0.3008

■ 21.6474, 0.5953,
0.3053

Harmonies

Analogous

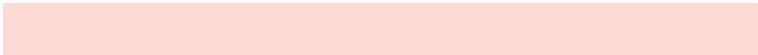
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8627, 0.3173, 0.3065



75.8627, 0.3344, 0.3190



75.8627, 0.3458, 0.3343

Triad

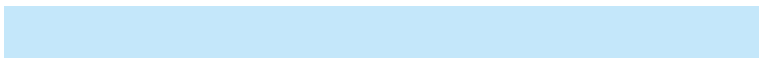
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8627, 0.3344, 0.3190



75.8627, 0.3255, 0.3604



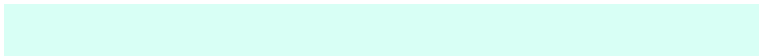
75.8627, 0.2786, 0.3080

Complementary

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



75.8627, 0.3344, 0.3190



92.7065, 0.2948, 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.



75.8627, 0.2807, 0.3222



75.8627, 0.3344, 0.3190



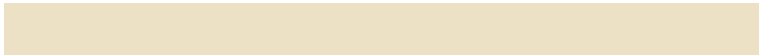
75.8627, 0.3075, 0.3532

Square

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



75.8627, 0.3344, 0.3190



75.8627, 0.3405, 0.3585



75.8627, 0.2912, 0.3390



75.8627, 0.2853, 0.2999

Rectangle

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



75.8627, 0.3344, 0.3190



75.8627, 0.3484, 0.3443



75.8627, 0.2912, 0.3390



75.8627, 0.2783, 0.3122

Sweetspot

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



75.8661, 0.3344, 0.3190



91.5382, 0.3191, 0.3258



75.6740, 0.3072, 0.2902



19.3480, 0.3200, 0.3254



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

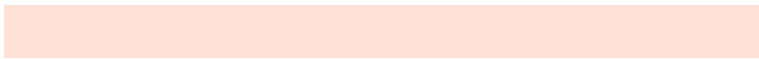
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8661, 0.3344, 0.3190



72.1255, 0.3390, 0.3171



80.1229, 0.3402, 0.3382



18.0637, 0.3254, 0.3229



11.3322, 0.5913, 0.3031



1.1202, 0.5597, 0.2857

Inverse Universe

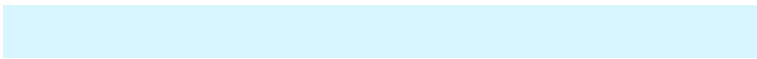
The Inverse Universe completely reimagines the original color for something new.



75.8661, 0.3344, 0.3190



72.1255, 0.3390, 0.3171



87.6681, 0.2891, 0.3196



18.0637, 0.3254, 0.3229



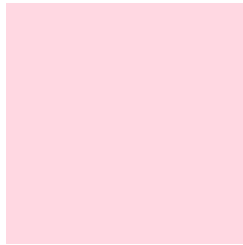
11.3322, 0.5913, 0.3031



1.1202, 0.5597, 0.2857

Previews

White Background



This preview shows how the Yxy color 75.8627, 0.3344, 0.3190 looks on a white background.

Color Contrast Check

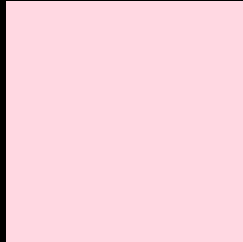
Large Text (above 18pt) WCAG AA × Fail

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 75.8627, 0.3344, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

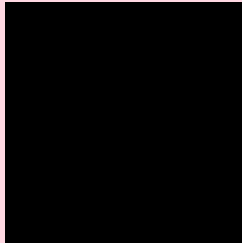
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.8627, 0.3344, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 75.8627, 0.3344, 0.3190.

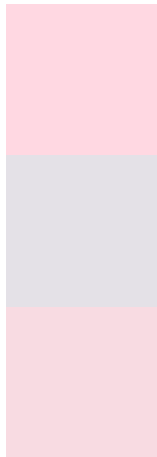


This preview shows how white text looks on a background with the Yxy color 75.8627, 0.3344, 0.3190.

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

75.8627, 0.3344, 0.3190

Protanopia

76.1139, 0.3109, 0.3227

Deuteranopia

76.1105, 0.3289, 0.3219



Tritanopia

75.6871, 0.3303, 0.3121

Trichromacy



Original Color

75.8627, 0.3344, 0.3190

Protanomaly

76.0768, 0.3194, 0.3218

Deuteranomaly

76.1430, 0.3312, 0.3210

Tritanomaly

75.5740, 0.3317, 0.3141

Monochromacy



Original Color

75.8627, 0.3344, 0.3190

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.0899, 0.3199, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8627, 0.3344, 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, 216, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 226)  
}
```

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, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 226) }
```

Border

The CSS property to change the border of an element to Yxy 75.8627, 0.3344, 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, 216, 226) }
```

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

```
.border{ border-color:rgb(255, 216, 226) }
```

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

Here you see how a box with a 4 pixel rgb(255, 216, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8627, 0.3344, 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, 216, 226) }
```

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

```
.background{ background-color: rgb(255,  
216, 226) }
```

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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