

Converting Colors

$Y_{xy}(87.8093, 0.3735, 0.3202)$

Have a look what the booklet for
Yxy(87.8093, 0.3735, 0.3202)
contains.

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Color

Yxy(75.9178, 0.3337, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8E3
RGB	255, 216, 227
RGB Percent	100%, 85%, 89%
CMY	0.0000, 0.1529, 0.1097
CMYK	0.00, 0.15, 0.11, 0.00
HSL	343°, 100%, 92%
HSV	343°, 15%, 100%
XYZ	79.6659, 75.9178, 83.1515
YIQ	228.9150, 19.7130, 11.6890

Conversions

Conversions Part 2

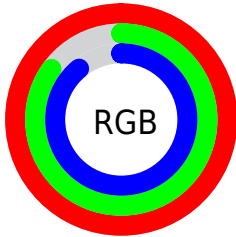
Format	Color
R _Y B	255, 216, 227
Decimal	16767203
CIE Lab	89.82, 15.30, -0.36
CIE LCh	90, 15.306, 358.653
Yxy	75.9178, 0.3337, 0.3180
Android (android.graphics.Color)	4294957283 (0xFFFFD8E3)
YUV	228.9150, -0.9441, 22.8765
Hunter-Lab	87.1308, 10.7282, 4.4094

Details

The Yxy color **75.9178, 0.3337, 0.3180** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.6487, 0.2953, 0.3403**, and the grayscale version is **78.2874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4741, 0.3384, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **62.8952, 0.3515, 0.3103**, and if you desaturate by 10%, it is **91.0796, 0.3192, 0.3253**.

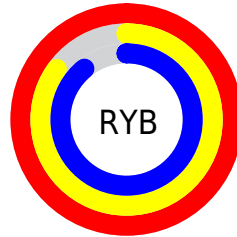
Distribution



Red (100%)

Green (85%)

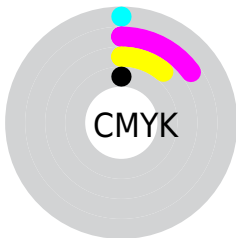
Blue (89%)



Red (100%)

Yellow (85%)

Blue (89%)

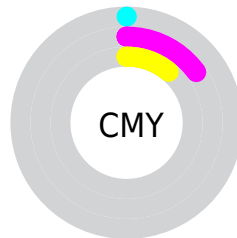


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9178, 0.3337, 0.3180 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 75.9178, 0.3337, 0.3180 by changing the saturation by 10% instead.

 75.9178, 0.3337,
0.3180

 75.9178, 0.3337,
0.3180


481.0663, 0.3241,
0.3231

 56.3651, 0.3359,
0.3169


127.6107, 0.3304,
0.3197

 40.4957, 0.3386,
0.3154


160.5197, 0.3291,
0.3204

 27.9253, 0.3420,
0.3137


198.6496, 0.3279,
0.3210

 18.2693, 0.3464,
0.3113

242.3848, 0.3270,
0.3215

 11.1435, 0.3525,
0.3082

292.1096, 0.3261,
0.3220

 6.1635, 0.3611,
0.3037

348.2086, 0.3254,

 2.9447, 0.3745,

0.3224

0.2967

411.0660, 0.3247,
0.3227

■ 1.1029, 0.3980,
0.2846

■ 0.0000, 0.9900,
0.0000

■ 75.9178, 0.3337,
0.3180

■ 75.9178, 0.3337,
0.3180

■ 62.8952, 0.3515,
0.3103

■ 91.0796, 0.3192,
0.3253

■ 51.9085, 0.3733,
0.3025

100.0000, 0.3127,
0.3290

■ 42.8560, 0.3995,
0.2952

■ 35.6243, 0.4305,
0.2889

■ 30.0883, 0.4656,
0.2848

■ 26.1070, 0.5033,
0.2841

■ 23.5160, 0.5406,
0.2878

■ 22.1133, 0.5735,
0.2960

■ 21.7298, 0.5870,
0.3007

Harmonies

Analogous

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



75.9178, 0.3162, 0.3056



75.9178, 0.3337, 0.3180



75.9178, 0.3457, 0.3334

Triad

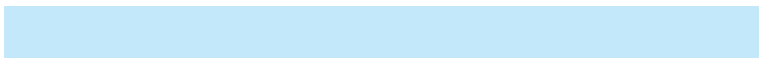
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9178, 0.3337, 0.3180



75.9178, 0.3267, 0.3609



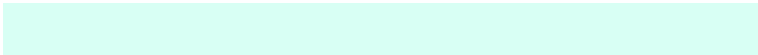
75.9178, 0.2781, 0.3085

Complementary

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



75.9178, 0.3337, 0.3180



92.6487, 0.2953, 0.3403

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.



75.9178, 0.2808, 0.3231



75.9178, 0.3337, 0.3180



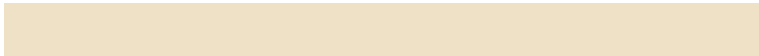
75.9178, 0.3085, 0.3542

Square

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



75.9178, 0.3337, 0.3180



75.9178, 0.3415, 0.3584



75.9178, 0.2918, 0.3401



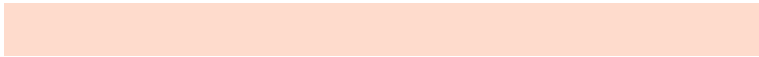
75.9178, 0.2844, 0.2999

Rectangle

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



75.9178, 0.3337, 0.3180



75.9178, 0.3487, 0.3435



75.9178, 0.2918, 0.3401



75.9178, 0.2780, 0.3128

Sweetspot

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



75.9201, 0.3337, 0.3180



91.5582, 0.3189, 0.3255



75.5563, 0.3068, 0.2901



19.3529, 0.3198, 0.3250



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

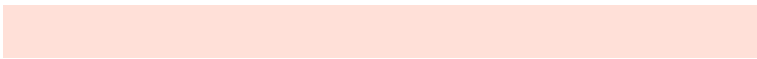
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9201, 0.3337, 0.3180



72.1885, 0.3382, 0.3160



79.7717, 0.3403, 0.3376



18.0716, 0.3250, 0.3223



11.3762, 0.5828, 0.2984



1.1254, 0.5508, 0.2808

Inverse Universe

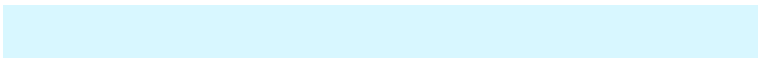
The Inverse Universe completely reimagines the original color for something new.



75.9201, 0.3337, 0.3180



72.1885, 0.3382, 0.3160



88.0658, 0.2891, 0.3203



18.0716, 0.3250, 0.3223



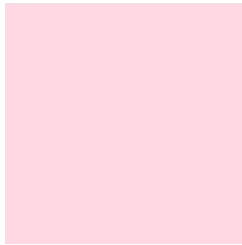
11.3762, 0.5828, 0.2984



1.1254, 0.5508, 0.2808

Previews

White Background



This preview shows how the Yxy color 75.9178, 0.3337, 0.3180 looks on a white background.

Color Contrast Check

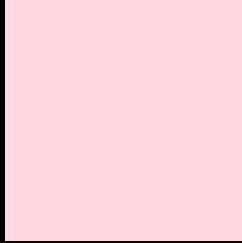
Large Text (above 18pt) WCAG AA × Fail

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 75.9178, 0.3337, 0.3180 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 75.9178, 0.3337, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 75.9178, 0.3337, 0.3180.

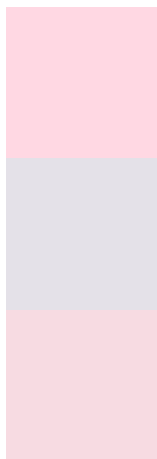


This preview shows how white text looks on a background with the Yxy color 75.9178, 0.3337, 0.3180.

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

75.9178, 0.3337, 0.3180

Protanopia

76.1706, 0.3103, 0.3216

Deuteranopia

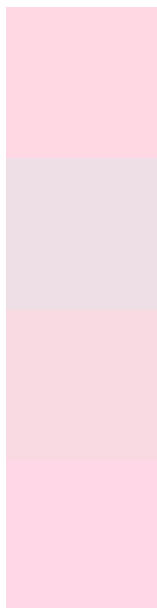
75.9282, 0.3282, 0.3219



Tritanopia

75.6871, 0.3303, 0.3121

Trichromacy



Original Color

75.9178, 0.3337, 0.3180

Protanomaly

76.1329, 0.3188, 0.3207

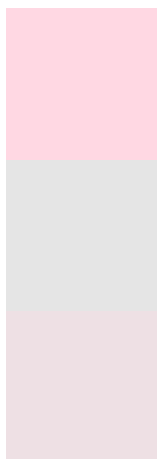
Deuteranomaly

75.9578, 0.3305, 0.3209

Tritanomaly

75.5740, 0.3317, 0.3141

Monochromacy



Original Color

75.9178, 0.3337, 0.3180

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 75.9178, 0.3337, 0.3180 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 227) }
```

Border

The CSS property to change the border of an element to Yxy 75.9178, 0.3337, 0.3180 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, 227) }
```

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

```
.border{ border-color:rgb(255, 216, 227) }
```

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, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9178, 0.3337, 0.3180 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, 227) }
```

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

```
.background{ background-color: rgb(255,  
216, 227) }
```

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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