

Converting Colors

$Y_{xy}(76.0585, 0.3276, 0.3086)$

Have a look what the booklet for
Yxy(76.0585, 0.3276, 0.3086)
contains.

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Color

Yxy(75.9170, 0.3275, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7EC
RGB	255, 215, 236
RGB Percent	100%, 84%, 93%
CMY	0.0001, 0.1568, 0.0746
CMYK	0.00, 0.16, 0.07, 0.00
HSL	329°, 100%, 92%
HSV	329°, 16%, 100%
XYZ	80.6710, 75.9170, 89.7358
YIQ	229.3540, 17.0990, 15.0110

Conversions

Conversions Part 2

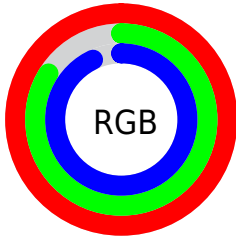
Format	Color
R _Y B	255, 215, 236
Decimal	16766956
CIE Lab	89.82, 17.28, -5.06
CIE LCh	90, 18.004, 343.666
Yxy	75.9170, 0.3275, 0.3082
Android (android.graphics.Color)	4294957036 (0xFFFFD7EC)
YUV	229.3540, 3.2765, 22.4915
Hunter-Lab	87.1304, 12.7890, -0.0717

Details

The Yxy color $75.9170, 0.3275, 0.3082$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91.8979, 0.3002, 0.3508$, and the grayscale version is $78.5946, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.4427, 0.3311, 0.3036$ is the 20% darker color. If you saturate the color by 10%, you get $63.2486, 0.3394, 0.2942$, and if you desaturate by 10%, it is $90.6636, 0.3176, 0.3217$.

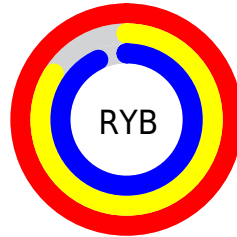
Distribution



Red (100%)

Green (84%)

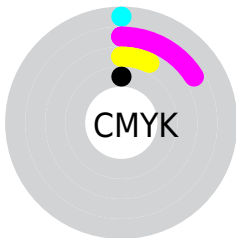
Blue (93%)



Red (100%)

Yellow (84%)

Blue (93%)

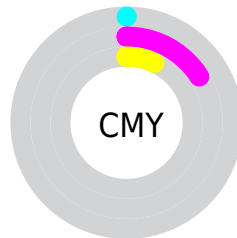


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9170, 0.3275, 0.3082 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 75.9170, 0.3275, 0.3082 by changing the saturation by 10% instead.


 75.9170, 0.3275,
0.3082

 75.9170, 0.3275,
0.3082


481.0635, 0.3208,
0.3176

 56.3645, 0.3290,
0.3061


127.6096, 0.3252,
0.3114

 40.4952, 0.3308,
0.3035


160.5184, 0.3243,
0.3127

 27.9249, 0.3332,
0.3003


198.6481, 0.3235,
0.3138

 18.2690, 0.3362,
0.2962

242.3830, 0.3228,
0.3147

 11.1433, 0.3402,
0.2907

292.1077, 0.3222,
0.3156

 6.1633, 0.3459,
0.2829

348.2064, 0.3217,

 2.9446, 0.3545,

0.3163

0.2713

411.0635, 0.3212,
0.3170

■ 1.1029, 0.3692,
0.2519

■ 0.0000, 0.5479,
0.0000

■ 75.9170, 0.3275,
0.3082

■ 75.9170, 0.3275,
0.3082

■ 63.2486, 0.3394,
0.2942

■ 90.6636, 0.3176,
0.3217

■ 52.5539, 0.3536,
0.2800

99.9959, 0.3127,
0.3290

■ 43.7346, 0.3703,
0.2665

■ 36.6797, 0.3894,
0.2543

■ 31.2664, 0.4107,
0.2448

■ 27.3562, 0.4336,
0.2392

■ 24.7870, 0.4571,
0.2387

■ 23.3587, 0.4800,
0.2437

■ 22.9688, 0.4896,
0.2471

Harmonies

Analogous

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



75.9170, 0.3058, 0.2968



75.9170, 0.3275, 0.3082



75.9170, 0.3456, 0.3248

Triad

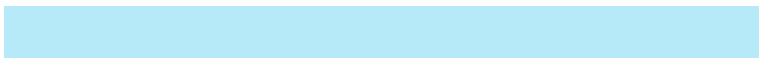
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9170, 0.3275, 0.3082



75.9170, 0.3387, 0.3665



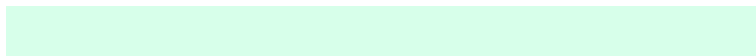
75.9170, 0.2724, 0.3127

Complementary

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



75.9170, 0.3275, 0.3082



91.8979, 0.3002, 0.3508

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.



75.9170, 0.2806, 0.3320



75.9170, 0.3275, 0.3082



75.9170, 0.3185, 0.3641

Square

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



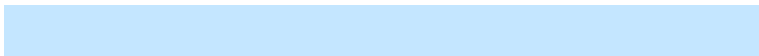
75.9170, 0.3275, 0.3082



75.9170, 0.3521, 0.3584



75.9170, 0.2973, 0.3512



75.9170, 0.2746, 0.2987

Rectangle

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



75.9170, 0.3275, 0.3082



75.9170, 0.3530, 0.3370



75.9170, 0.2973, 0.3512



75.9170, 0.2741, 0.3187

Sweetspot

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



75.9204, 0.3275, 0.3082



91.7487, 0.3170, 0.3226



73.2645, 0.2997, 0.2883



19.3991, 0.3176, 0.3216



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.



75.9204, 0.3275, 0.3082



71.4916, 0.3312, 0.3036



74.8419, 0.3415, 0.3277



18.1462, 0.3212, 0.3166



12.0344, 0.4861, 0.2451



1.1938, 0.4621, 0.2319

Inverse Universe

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



75.9204, 0.3275, 0.3082



71.4916, 0.3312, 0.3036



93.0891, 0.2896, 0.3303



18.1462, 0.3212, 0.3166



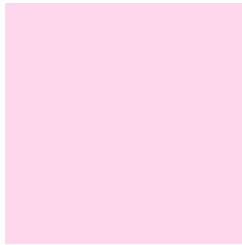
12.0344, 0.4861, 0.2451



1.1938, 0.4621, 0.2319

Previews

White Background



This preview shows how the Yxy color 75.9170, 0.3275, 0.3082 looks on a white background.

Color Contrast Check

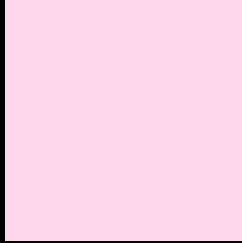
Large Text (above 18pt) WCAG AA × Fail

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 75.9170, 0.3275, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

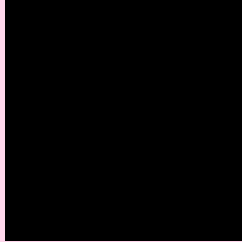
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9170, 0.3275, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 75.9170, 0.3275, 0.3082.



This preview shows how white text looks on a background with the Yxy color 75.9170, 0.3275, 0.3082.

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

75.9170, 0.3275, 0.3082

Protanopia

76.4300, 0.3026, 0.3112

Deuteranopia

75.8943, 0.3199, 0.3127



Tritanopia

76.0088, 0.3295, 0.3130

Trichromacy



Original Color

75.9170, 0.3275, 0.3082

Protanomaly

76.0087, 0.3115, 0.3095

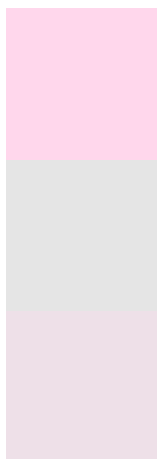
Deuteranomaly

76.0974, 0.3228, 0.3119

Tritanomaly

76.0658, 0.3288, 0.3121

Monochromacy



Original Color

75.9170, 0.3275, 0.3082

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.3146, 0.3173, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9170, 0.3275, 0.3082 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, 215, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 236)  
}
```

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, 215, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 236) }
```

Border

The CSS property to change the border of an element to Yxy 75.9170, 0.3275, 0.3082 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, 215, 236) }
```

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

```
.border{ border-color:rgb(255, 215, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9170, 0.3275, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 236) }
```

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

```
.background{ background-color: rgb(255,  
215, 236) }
```

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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