

Converting Colors

Yxy(74.9681, 0.3257, 0.3085)

Have a look what the booklet for
Yxy(74.9681, 0.3257, 0.3085)
contains.

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Color

Yxy(75.2945, 0.3260, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	FCD7EB
RGB	252, 215, 235
RGB Percent	99%, 84%, 92%
CMY	0.0118, 0.1568, 0.0784
CMYK	0.00, 0.15, 0.07, 0.01
HSL	328°, 86%, 92%
HSV	328°, 15%, 99%
XYZ	79.4369, 75.2945, 88.9401
YIQ	228.3430, 15.6320, 14.0640

Conversions

Conversions Part 2

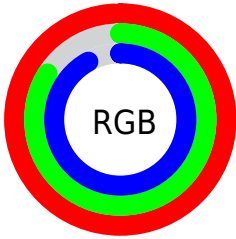
Format	Color
R _Y B	252, 215, 235
Decimal	16570347
CIE Lab	89.53, 16.10, -5.01
CIE LCh	90, 16.862, 342.723
Yxy	75.2945, 0.3260, 0.3090
Android (android.graphics.Color)	4294760427 (0xFFFC D7EB)
YUV	228.3430, 3.2819, 20.7472
Hunter-Lab	86.7724, 11.5584, -0.0305

Details

The Yxy color **75.2945, 0.3260, 0.3090** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.8891, 0.3013, 0.3499**, and the grayscale version is **77.8154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9984, 0.3291, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **62.7892, 0.3373, 0.2946**, and if you desaturate by 10%, it is **89.8265, 0.3166, 0.3228**.

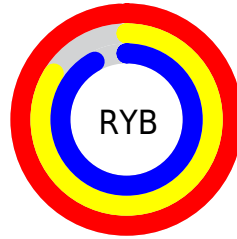
Distribution



Red (99%)

Green (84%)

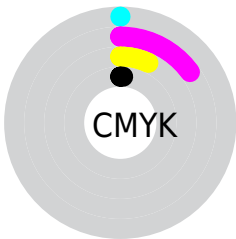
Blue (92%)



Red (99%)

Yellow (84%)

Blue (92%)

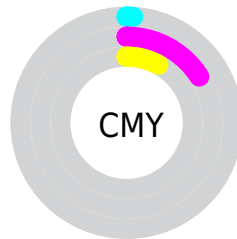


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (1%)



Cyan (1%)


Magenta (16%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2945, 0.3260, 0.3090 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 75.2945, 0.3260, 0.3090 by changing the saturation by 10% instead.


 75.2945, 0.3260,
0.3090

 75.2945, 0.3260,
0.3090

478.9292, 0.3200,
0.3181

 55.8542, 0.3274,
0.3070

126.7292, 0.3239,
0.3121

 40.0860, 0.3290,
0.3045


159.4923, 0.3231,
0.3133

 27.6056, 0.3311,
0.3014


197.4651, 0.3224,
0.3144

 18.0286, 0.3338,
0.2974

241.0321, 0.3218,
0.3153

 10.9705, 0.3374,
0.2920

290.5776, 0.3213,
0.3161

 6.0470, 0.3426,
0.2845

346.4860, 0.3208,

 2.8737, 0.3504,

0.3168

0.2731

409.1418, 0.3204,
0.3175

■ 1.0661, 0.3637,
0.2541

■ 0.0000, 0.5393,
0.0000

■ 75.2945, 0.3260,
0.3090

■ 75.2945, 0.3260,
0.3090

■ 62.7892, 0.3373,
0.2946

■ 89.8265, 0.3166,
0.3228

■ 52.2096, 0.3508,
0.2801

■ 99.4334, 0.3109,
0.3290

■ 43.4610, 0.3666,
0.2660

■ 36.4368, 0.3847,
0.2533

■ 31.0191, 0.4049,
0.2431

■ 27.0752, 0.4267,
0.2367

■ 24.4506, 0.4491,
0.2352

■ 22.9559, 0.4711,
0.2393

■ 22.4765, 0.4825,
0.2432

Harmonies

Analogous

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



75.2945, 0.3056, 0.2984



75.2945, 0.3260, 0.3090



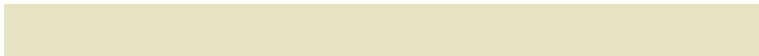
75.2945, 0.3432, 0.3246

Triad

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



75.2945, 0.3260, 0.3090



75.2945, 0.3376, 0.3641



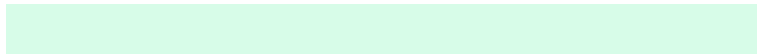
75.2945, 0.2749, 0.3142

Complementary

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



75.2945, 0.3260, 0.3090



89.8891, 0.3013, 0.3499

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.



75.2945, 0.2829, 0.3325



75.2945, 0.3260, 0.3090



75.2945, 0.3188, 0.3621

Square

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



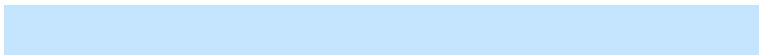
75.2945, 0.3260, 0.3090



75.2945, 0.3499, 0.3563



75.2945, 0.2989, 0.3503



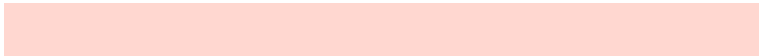
75.2945, 0.2766, 0.3009

Rectangle

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



75.2945, 0.3260, 0.3090



75.2945, 0.3503, 0.3361



75.2945, 0.2989, 0.3503



75.2945, 0.2766, 0.3200

Sweetspot

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



75.2978, 0.3260, 0.3090



93.3656, 0.3160, 0.3237



72.7315, 0.3002, 0.2910



19.7254, 0.3166, 0.3227



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

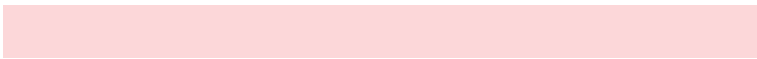
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2978, 0.3260, 0.3090



72.8452, 0.3296, 0.3043



74.3023, 0.3389, 0.3272



17.3821, 0.3209, 0.3163



11.7395, 0.4791, 0.2413



1.1087, 0.4549, 0.2280

Inverse Universe

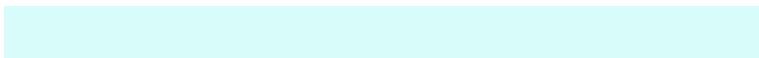
The Inverse Universe completely reimagines the original color for something new.



75.2978, 0.3260, 0.3090



72.8452, 0.3296, 0.3043



90.9737, 0.2913, 0.3308



17.3821, 0.3209, 0.3163



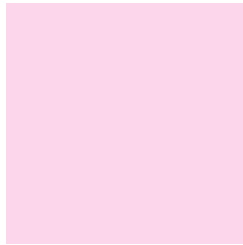
11.7395, 0.4791, 0.2413



1.1087, 0.4549, 0.2280

Previews

White Background



This preview shows how the Yxy color 75.2945, 0.3260, 0.3090 looks on a white background.

Color Contrast Check

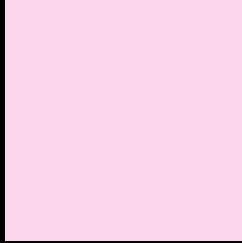
Large Text (above 18pt) WCAG AA × Fail

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 75.2945, 0.3260, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

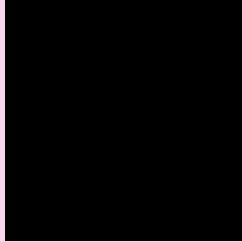
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2945, 0.3260, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 75.2945, 0.3260, 0.3090.



This preview shows how white text looks on a background with the Yxy color 75.2945, 0.3260, 0.3090.

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

75.2945, 0.3260, 0.3090

Protanopia

75.6101, 0.3032, 0.3122

Deuteranopia

75.1380, 0.3199, 0.3127



Tritanopia

75.1225, 0.3281, 0.3120

Trichromacy



Original Color

75.2945, 0.3260, 0.3090

Protanomaly

75.5481, 0.3114, 0.3114

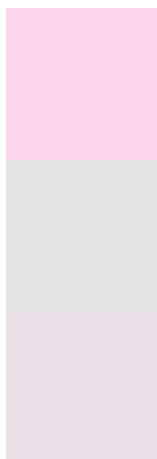
Deuteranomaly

75.1591, 0.3222, 0.3118

Tritanomaly

75.1795, 0.3274, 0.3110

Monochromacy



Original Color

75.2945, 0.3260, 0.3090

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.5494, 0.3173, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2945, 0.3260, 0.3090 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, 215, 235)` looks like.

```
.text, #text, p{  
    color:rgb(252, 215, 235)  
}
```

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, 215, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 215, 235) }
```

Border

The CSS property to change the border of an element to Yxy 75.2945, 0.3260, 0.3090 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, 215, 235) }
```

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

```
.border{ border-color:rgb(252, 215, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 215, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 215, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 215, 235);  
box-shadow:4px 4px 4px 4px rgb(252, 215,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2945, 0.3260, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 215, 235) }
```

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

```
.background{ background-color: rgb(252,  
215, 235) }
```

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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