

Converting Colors

Yxy(86.2889, 0.3611, 0.3038)

Have a look what the booklet for
Yxy(86.2889, 0.3611, 0.3038)
contains.

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Color

Yxy(75.2593, 0.3235, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5F2
RGB	255, 213, 242
RGB Percent	100%, 84%, 95%
CMY	0.0000, 0.1647, 0.0509
CMYK	0.00, 0.16, 0.05, 0.00
HSL	319°, 100%, 92%
HSV	319°, 16%, 100%
XYZ	81.0735, 75.2593, 94.2809
YIQ	228.8640, 15.7230, 17.9230

Conversions

Conversions Part 2

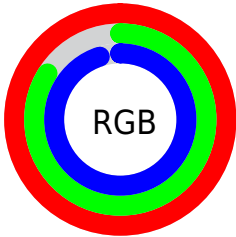
Format	Color
R _Y B	255, 213, 242
Decimal	16766450
CIE Lab	89.51, 19.38, -8.71
CIE LCh	90, 21.250, 335.815
Yxy	75.2593, 0.3235, 0.3003
Android (android.graphics.Color)	4294956530 (0xFFFFD5F2)
YUV	228.8640, 6.4760, 22.9213
Hunter-Lab	86.7521, 14.9996, -3.7090

Details

The Yxy color **75.2593, 0.3235, 0.3003** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.1535, 0.3034, 0.3595**, and the grayscale version is **78.1896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0047, 0.3258, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **62.9586, 0.3315, 0.2821**, and if you desaturate by 10%, it is **89.5910, 0.3166, 0.3180**.

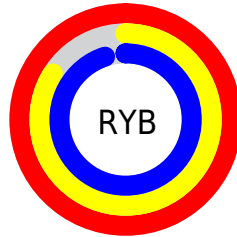
Distribution



Red (100%)

Green (84%)

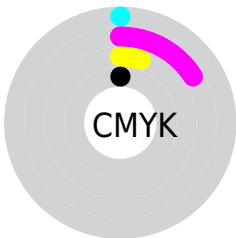
Blue (95%)



Red (100%)

Yellow (84%)

Blue (95%)

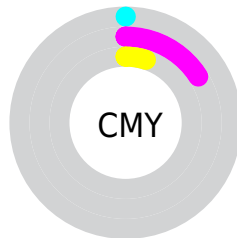


Cyan (0%)

Magenta (16%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2593, 0.3235, 0.3003 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 75.2593, 0.3235, 0.3003 by changing the saturation by 10% instead.


 75.2593, 0.3235,
0.3003

 75.2593, 0.3235,
0.3003

478.8083, 0.3187,
0.3132

 55.8253, 0.3246,
0.2974


126.6793, 0.3219,
0.3047

 40.0629, 0.3258,
0.2940


159.4342, 0.3212,
0.3064

 27.5876, 0.3274,
0.2896


197.3982, 0.3207,
0.3079

 18.0150, 0.3295,
0.2841

240.9557, 0.3202,
0.3092

 10.9608, 0.3322,
0.2767

290.4910, 0.3197,
0.3104

 6.0405, 0.3359,
0.2664

346.3887, 0.3194,

 2.8697, 0.3414,

0.3114

0.2512

409.0330, 0.3190,
0.3124

1.0641, 0.3501,
0.2263

0.0000, 0.4342,
0.0000

75.2593, 0.3235,
0.3003

75.2593, 0.3235,
0.3003

62.9586, 0.3315,
0.2821

89.5910, 0.3166,
0.3180

52.6039, 0.3409,
0.2640

100.0000, 0.3127,
0.3290

44.0904, 0.3515,
0.2467

37.3069, 0.3633,
0.2312

■ 32.1305, 0.3760,
0.2186

■ 28.4216, 0.3893,
0.2100

■ 26.0169, 0.4027,
0.2063

■ 24.7119, 0.4157,
0.2076

■ 24.4055, 0.4202,
0.2089

Harmonies

Analogous

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



75.2593, 0.2979, 0.2891



75.2593, 0.3235, 0.3003



75.2593, 0.3469, 0.3185

Triad

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



75.2593, 0.3235, 0.3003



75.2593, 0.3485, 0.3719



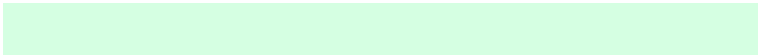
75.2593, 0.2667, 0.3150

Complementary

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



75.2593, 0.3235, 0.3003



91.1535, 0.3034, 0.3595

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.



75.2593, 0.2791, 0.3388



75.2593, 0.3235, 0.3003



75.2593, 0.3261, 0.3728

Square

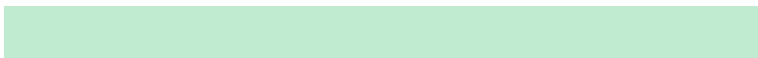
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



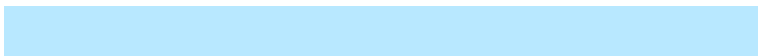
75.2593, 0.3235, 0.3003



75.2593, 0.3616, 0.3594



75.2593, 0.3007, 0.3605



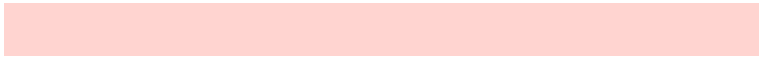
75.2593, 0.2660, 0.2965

Rectangle

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



75.2593, 0.3235, 0.3003



75.2593, 0.3577, 0.3326



75.2593, 0.3007, 0.3605



75.2593, 0.2696, 0.3227

Sweetspot

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



75.2563, 0.3235, 0.3003



91.8822, 0.3157, 0.3205



70.9067, 0.2942, 0.2854



19.4316, 0.3161, 0.3193



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.



75.2563, 0.3235, 0.3003



70.6928, 0.3262, 0.2939



74.0850, 0.3381, 0.3206



18.1993, 0.3186, 0.3127



12.7804, 0.4182, 0.2077



1.2640, 0.4043, 0.2001

Inverse Universe

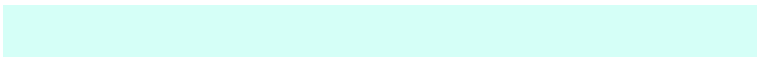
The Inverse Universe completely reimagines the original color for something new.



75.2563, 0.3235, 0.3003



70.6928, 0.3262, 0.2939



92.3553, 0.2922, 0.3376



18.1993, 0.3186, 0.3127



12.7804, 0.4182, 0.2077



1.2640, 0.4043, 0.2001

Previews

White Background



This preview shows how the Yxy color 75.2593, 0.3235, 0.3003 looks on a white background.

Color Contrast Check

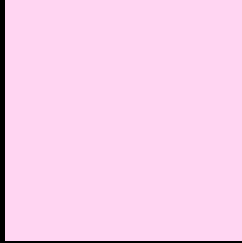
Large Text (above 18pt) WCAG AA × Fail

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 75.2593, 0.3235, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

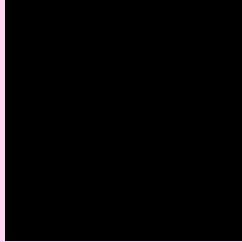
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2593, 0.3235, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 75.2593, 0.3235, 0.3003.



This preview shows how white text looks on a background with the Yxy color 75.2593, 0.3235, 0.3003.

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

75.2593, 0.3235, 0.3003

Protanopia

75.6805, 0.2956, 0.3028

Deuteranopia

75.5392, 0.3131, 0.3066



Tritanopia

75.4979, 0.3296, 0.3120

Trichromacy



Original Color

75.2593, 0.3235, 0.3003

Protanomaly

75.3326, 0.3056, 0.3023

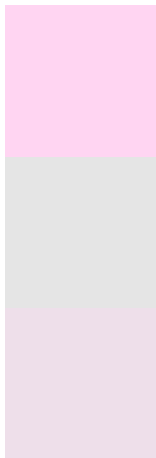
Deuteranomaly

75.3891, 0.3167, 0.3048

Tritanomaly

75.2201, 0.3269, 0.3071

Monochromacy



Original Color

75.2593, 0.3235, 0.3003

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

76.8930, 0.3161, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2593, 0.3235, 0.3003 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, 213, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 242)  
}
```

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, 213, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 242) }
```

Border

The CSS property to change the border of an element to Yxy 75.2593, 0.3235, 0.3003 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, 213, 242) }
```

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

```
.border{ border-color:rgb(255, 213, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2593, 0.3235, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 242) }
```

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

```
.background{ background-color: rgb(255,  
213, 242) }
```

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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