

Converting Colors

$Y_{xy}(77.5889, 0.3303, 0.3062)$

Have a look what the booklet for
Yxy(77.5889, 0.3303, 0.3062)
contains.

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Color

Yxy(76.0929, 0.3254, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7EF
RGB	255, 215, 239
RGB Percent	100%, 84%, 94%
CMY	0.0000, 0.1569, 0.0626
CMYK	0.00, 0.16, 0.06, 0.00
HSL	324°, 100%, 92%
HSV	324°, 16%, 100%
XYZ	81.1292, 76.0929, 92.0993
YIQ	229.6960, 16.1360, 15.9440

Conversions

Conversions Part 2

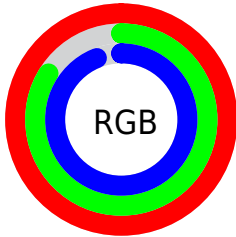
Format	Color
R _Y B	255, 215, 239
Decimal	16766959
CIE Lab	89.90, 17.82, -6.55
CIE LCh	90, 18.987, 339.805
Yxy	76.0929, 0.3254, 0.3052
Android (android.graphics.Color)	4294957039 (0xFFFFD7EF)
YUV	229.6960, 4.5869, 22.1916
Hunter-Lab	87.2312, 13.3588, -1.5369

Details

The Yxy color **76.0929, 0.3254, 0.3052** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.7337, 0.3018, 0.3541**, and the grayscale version is **78.8509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5663, 0.3283, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **63.5181, 0.3355, 0.2893**, and if you desaturate by 10%, it is **90.7252, 0.3169, 0.3206**.

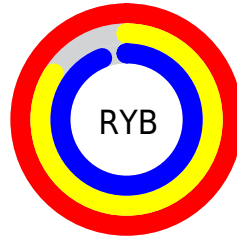
Distribution



Red (100%)

Green (84%)

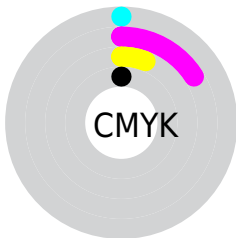
Blue (94%)



Red (100%)

Yellow (84%)

Blue (94%)

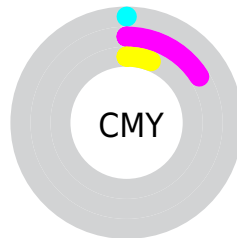


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0929, 0.3254, 0.3052 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 76.0929, 0.3254, 0.3052 by changing the saturation by 10% instead.


 76.0929, 0.3254,
0.3052

 76.0929, 0.3254,
0.3052


481.6657, 0.3197,
0.3159

 56.5087, 0.3267,
0.3028


127.8582, 0.3234,
0.3089

 40.6109, 0.3282,
0.2999


160.8081, 0.3227,
0.3103

 28.0152, 0.3302,
0.2963


198.9820, 0.3220,
0.3115

 18.3371, 0.3327,
0.2916

242.7643, 0.3214,
0.3126

 11.1923, 0.3360,
0.2854

292.5395, 0.3209,
0.3136

 6.1963, 0.3407,
0.2767

348.6918, 0.3205,

 2.9648, 0.3477,

0.3145

0.2638

411.6057, 0.3201,
0.3152

■ 1.1134, 0.3594,
0.2425

■ 0.0000, 0.4875,
0.0000

■ 76.0929, 0.3254,
0.3052

■ 76.0929, 0.3254,
0.3052

■ 63.5181, 0.3355,
0.2893

■ 90.7252, 0.3169,
0.3206

■ 52.9072, 0.3474,
0.2732

100.0000, 0.3127,
0.3290

■ 44.1586, 0.3611,
0.2578

■ 37.1618, 0.3767,
0.2440

■ 31.7945, 0.3939,
0.2329

■ 27.9183, 0.4122,
0.2257

■ 25.3718, 0.4309,
0.2234

■ 23.9550, 0.4491,
0.2265

■ 23.5678, 0.4569,
0.2291

Harmonies

Analogous

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



76.0929, 0.3025, 0.2942



76.0929, 0.3254, 0.3052



76.0929, 0.3454, 0.3221

Triad

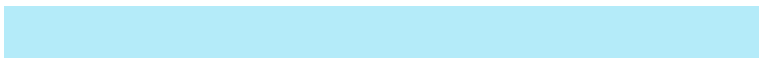
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0929, 0.3254, 0.3052



76.0929, 0.3424, 0.3680



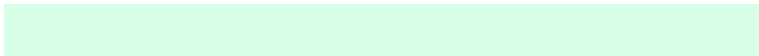
76.0929, 0.2709, 0.3141

Complementary

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



76.0929, 0.3254, 0.3052



91.7337, 0.3018, 0.3541

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.



76.0929, 0.2807, 0.3349



76.0929, 0.3254, 0.3052



76.0929, 0.3217, 0.3670

Square

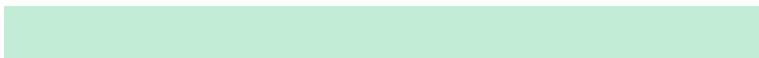
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



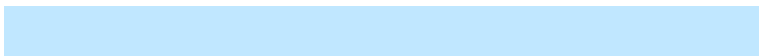
76.0929, 0.3254, 0.3052



76.0929, 0.3553, 0.3581



76.0929, 0.2992, 0.3547



76.0929, 0.2717, 0.2985

Rectangle

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



76.0929, 0.3254, 0.3052



76.0929, 0.3541, 0.3349



76.0929, 0.2992, 0.3547



76.0929, 0.2730, 0.3207

Sweetspot

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



76.0927, 0.3254, 0.3052



91.8098, 0.3164, 0.3216



72.6964, 0.2974, 0.2879



19.4140, 0.3169, 0.3206



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.



76.0927, 0.3254, 0.3052



71.7046, 0.3285, 0.3000



75.0081, 0.3391, 0.3244



18.1704, 0.3200, 0.3148



12.3450, 0.4540, 0.2275



1.2236, 0.4347, 0.2168

Inverse Universe

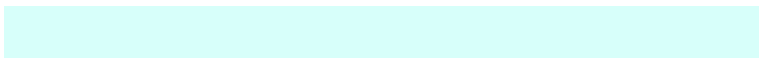
The Inverse Universe completely reimagines the original color for something new.



76.0927, 0.3254, 0.3052



71.7046, 0.3285, 0.3000



92.8894, 0.2913, 0.3337



18.1704, 0.3200, 0.3148



12.3450, 0.4540, 0.2275



1.2236, 0.4347, 0.2168

Previews

White Background



This preview shows how the Yxy color 76.0929, 0.3254, 0.3052 looks on a white background.

Color Contrast Check

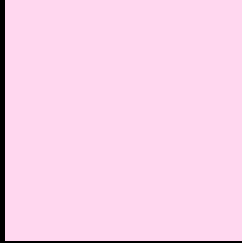
Large Text (above 18pt) WCAG AA × Fail

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 76.0929, 0.3254, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

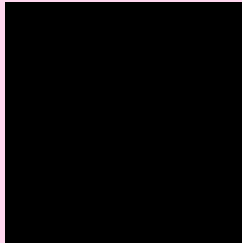
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0929, 0.3254, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 76.0929, 0.3254, 0.3052.



This preview shows how white text looks on a background with the Yxy color 76.0929, 0.3254, 0.3052.

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

76.0929, 0.3254, 0.3052

Protanopia

76.4506, 0.3001, 0.3081

Deuteranopia

76.4141, 0.3171, 0.3107



Tritanopia

76.0658, 0.3288, 0.3121

Trichromacy



Original Color

76.0929, 0.3254, 0.3052

Protanomaly

76.0168, 0.3089, 0.3064

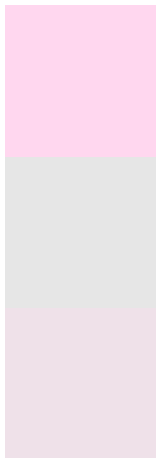
Deuteranomaly

76.0900, 0.3201, 0.3088

Tritanomaly

76.1807, 0.3274, 0.3101

Monochromacy



Original Color

76.0929, 0.3254, 0.3052

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.0843, 0.3173, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0929, 0.3254, 0.3052 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 239) }
```

Border

The CSS property to change the border of an element to Yxy 76.0929, 0.3254, 0.3052 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, 239) }
```

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

```
.border{ border-color:rgb(255, 215, 239) }
```

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, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0929, 0.3254, 0.3052 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, 239) }
```

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

```
.background{ background-color: rgb(255,  
215, 239) }
```

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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