

Converting Colors

$Yxy(76.8502, 0.3317, 0.3068)$

Have a look what the booklet for
Yxy(76.8502, 0.3317, 0.3068)
contains.

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Color

Yxy(75.4676, 0.3269, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6ED
RGB	255, 214, 237
RGB Percent	100%, 84%, 93%
CMY	0.0000, 0.1607, 0.0706
CMYK	0.00, 0.16, 0.07, 0.00
HSL	326°, 100%, 92%
HSV	326°, 16%, 100%
XYZ	80.5694, 75.4676, 90.4280
YIQ	228.8810, 17.0530, 15.8450

Conversions

Conversions Part 2

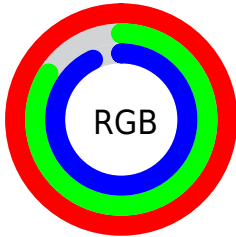
Format	Color
R _Y B	255, 214, 237
Decimal	16766701
CIE Lab	89.61, 17.98, -5.91
CIE LCh	90, 18.925, 341.819
Yxy	75.4676, 0.3269, 0.3062
Android (android.graphics.Color)	4294956781 (0xFFFFD6ED)
YUV	228.8810, 4.0027, 22.9064
Hunter-Lab	86.8721, 13.5235, -0.9065

Details

The Yxy color **75.4676, 0.3269, 0.3062** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.6429, 0.3007, 0.3530**, and the grayscale version is **78.2246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1382, 0.3303, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **62.9229, 0.3380, 0.2913**, and if you desaturate by 10%, it is **90.0802, 0.3176, 0.3206**.

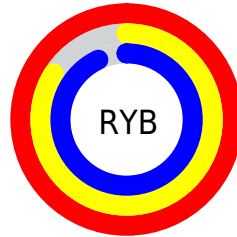
Distribution



Red (100%)

Green (84%)

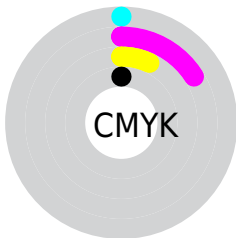
Blue (93%)



Red (100%)

Yellow (84%)

Blue (93%)

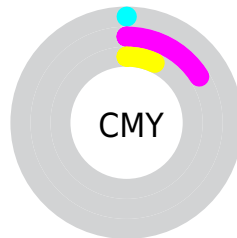


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4676, 0.3269, 0.3062 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 75.4676, 0.3269, 0.3062 by changing the saturation by 10% instead.


 75.4676, 0.3269,
0.3062

 75.4676, 0.3269,
0.3062


479.5232, 0.3205,
0.3165

 55.9960, 0.3283,
0.3039

126.9741, 0.3247,
0.3097

 40.1998, 0.3301,
0.3011


159.7777, 0.3238,
0.3111

 27.6943, 0.3323,
0.2976

197.7943, 0.3231,
0.3123

 18.0954, 0.3352,
0.2931

241.4080, 0.3224,
0.3134

 11.0185, 0.3390,
0.2871

291.0034, 0.3219,
0.3143

 6.0793, 0.3444,
0.2786

346.9648, 0.3213,

 2.8933, 0.3525,

0.3151

0.2660

409.6766, 0.3209,
0.3158

■ 1.0763, 0.3662,
0.2450

■ 0.0000, 0.5210,
0.0000

■ 75.4676, 0.3269,
0.3062

■ 75.4676, 0.3269,
0.3062

■ 62.9229, 0.3380,
0.2913

■ 90.0802, 0.3176,
0.3206

■ 52.3418, 0.3512,
0.2762

99.9994, 0.3127,
0.3290

■ 43.6255, 0.3665,
0.2618

■ 36.6630, 0.3841,
0.2489

■ 31.3312, 0.4035,
0.2388

■ 27.4908, 0.4242,
0.2326

■ 24.9791, 0.4454,
0.2314

■ 23.5939, 0.4661,
0.2358

■ 23.2406, 0.4740,
0.2385

Harmonies

Analogous

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



75.4676, 0.3040, 0.2947



75.4676, 0.3269, 0.3062



75.4676, 0.3465, 0.3234

Triad

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



75.4676, 0.3269, 0.3062



75.4676, 0.3411, 0.3682



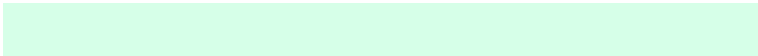
75.4676, 0.2706, 0.3129

Complementary

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



75.4676, 0.3269, 0.3062



91.6429, 0.3007, 0.3530

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.



75.4676, 0.2798, 0.3334



75.4676, 0.3269, 0.3062



75.4676, 0.3202, 0.3665

Square

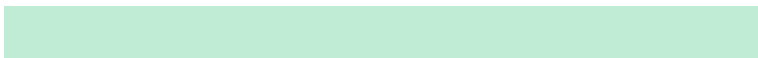
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



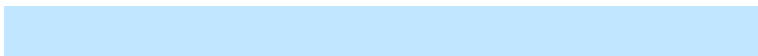
75.4676, 0.3269, 0.3062



75.4676, 0.3547, 0.3591



75.4676, 0.2978, 0.3535



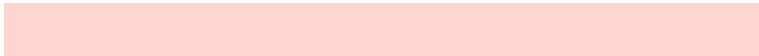
75.4676, 0.2722, 0.2978

Rectangle

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



75.4676, 0.3269, 0.3062



75.4676, 0.3546, 0.3362



75.4676, 0.2978, 0.3535



75.4676, 0.2725, 0.3194

Sweetspot

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



75.4709, 0.3269, 0.3062



91.7775, 0.3167, 0.3221



72.4353, 0.2984, 0.2870



19.4061, 0.3173, 0.3211



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.



75.4709, 0.3269, 0.3062



71.5916, 0.3300, 0.3019



74.3538, 0.3414, 0.3263



18.1576, 0.3206, 0.3158



12.1746, 0.4708, 0.2367



1.2074, 0.4490, 0.2247

Inverse Universe

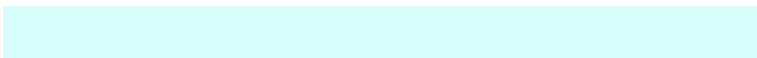
The Inverse Universe completely reimagines the original color for something new.



75.4709, 0.3269, 0.3062



71.5916, 0.3300, 0.3019



92.8605, 0.2897, 0.3317



18.1576, 0.3206, 0.3158



12.1746, 0.4708, 0.2367



1.2074, 0.4490, 0.2247

Previews

White Background



This preview shows how the Yxy color 75.4676, 0.3269, 0.3062 looks on a white background.

Color Contrast Check

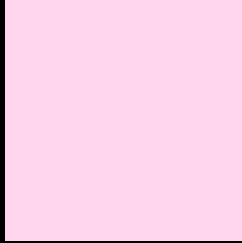
Large Text (above 18pt) WCAG AA × Fail

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 75.4676, 0.3269, 0.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

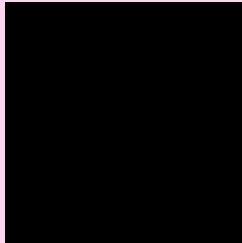
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4676, 0.3269, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 75.4676, 0.3269, 0.3062.



This preview shows how white text looks on a background with the Yxy color 75.4676, 0.3269, 0.3062.

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

75.4676, 0.3269, 0.3062

Protanopia

75.6297, 0.3006, 0.3090

Deuteranopia

75.7739, 0.3185, 0.3117



Tritanopia

75.4979, 0.3296, 0.3120

Trichromacy



Original Color

75.4676, 0.3269, 0.3062

Protanomaly

75.1994, 0.3095, 0.3073

Deuteranomaly

75.4560, 0.3215, 0.3098

Tritanomaly

75.6122, 0.3282, 0.3101

Monochromacy



Original Color

75.4676, 0.3269, 0.3062

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 75.4676, 0.3269, 0.3062 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, 214, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 237)  
}
```

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, 214, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 237) }
```

Border

The CSS property to change the border of an element to Yxy 75.4676, 0.3269, 0.3062 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, 214, 237) }
```

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

```
.border{ border-color:rgb(255, 214, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4676, 0.3269, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 237) }
```

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

```
.background{ background-color: rgb(255,  
214, 237) }
```

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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