

Converting Colors

$Y_{xy}(82.9345, 0.3529, 0.3066)$

Have a look what the booklet for
Yxy(82.9345, 0.3529, 0.3066)
contains.

Yxy(75.5262, 0.3262, 0.3052)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.5262, 0.3262, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6EE
RGB	255, 214, 238
RGB Percent	100%, 84%, 93%
CMY	0.0000, 0.1608, 0.0666
CMYK	0.00, 0.16, 0.07, 0.00
HSL	325°, 100%, 92%
HSV	325°, 16%, 100%
XYZ	80.7230, 75.5262, 91.2155
YIQ	228.9950, 16.7320, 16.1560

Conversions

Conversions Part 2

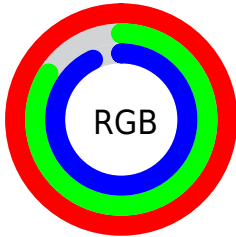
Format	Color
R _Y B	255, 214, 238
Decimal	16766702
CIE Lab	89.64, 18.16, -6.40
CIE LCh	90, 19.258, 340.583
Yxy	75.5262, 0.3262, 0.3052
Android (android.graphics.Color)	4294956782 (0xFFFFD6EE)
YUV	228.9950, 4.4395, 22.8064
Hunter-Lab	86.9058, 13.7156, -1.3961

Details

The Yxy color **75.5262, 0.3262, 0.3052** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.5856, 0.3012, 0.3541**, and the grayscale version is **78.3083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1794, 0.3293, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **63.0110, 0.3367, 0.2896**, and if you desaturate by 10%, it is **90.0999, 0.3174, 0.3202**.

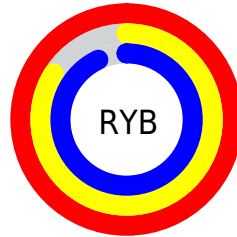
Distribution



Red (100%)

Green (84%)

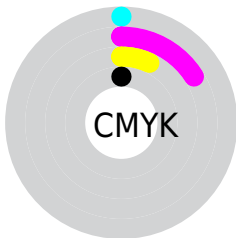
Blue (93%)



Red (100%)

Yellow (84%)

Blue (93%)

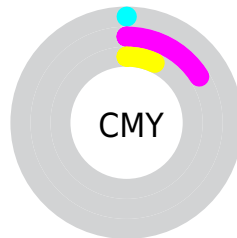


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5262, 0.3262, 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 75.5262, 0.3262, 0.3052 by changing the saturation by 10% instead.


 75.5262, 0.3262,
0.3052

 75.5262, 0.3262,
0.3052

479.7242, 0.3201,
0.3159

 56.0441, 0.3276,
0.3028


127.0569, 0.3241,
0.3089

 40.2383, 0.3292,
0.2999

159.8744, 0.3233,
0.3103

 27.7244, 0.3313,
0.2963

197.9057, 0.3226,
0.3116

 18.1180, 0.3340,
0.2916

241.5352, 0.3220,
0.3127

 11.0347, 0.3376,
0.2853

291.1475, 0.3214,
0.3136

 6.0902, 0.3426,
0.2766

347.1268, 0.3209,

 2.9000, 0.3502,

0.3145

0.2635

409.8576, 0.3205,
0.3152

1.0798, 0.3629,
0.2419

0.0000, 0.5008,
0.0000

75.5262, 0.3262,
0.3052

75.5262, 0.3262,
0.3052

63.0110, 0.3367,
0.2896

90.0999, 0.3174,
0.3202

52.4575, 0.3491,
0.2740

100.0000, 0.3127,
0.3290

43.7647, 0.3635,
0.2590

36.8216, 0.3799,
0.2456

■ 31.5052, 0.3980,
0.2349

■ 27.6765, 0.4172,
0.2282

■ 25.1726, 0.4368,
0.2265

■ 23.7917, 0.4560,
0.2302

■ 23.4395, 0.4634,
0.2326

Harmonies

Analogous

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



75.5262, 0.3029, 0.2938



75.5262, 0.3262, 0.3052



75.5262, 0.3464, 0.3225

Triad

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



75.5262, 0.3262, 0.3052



75.5262, 0.3424, 0.3687



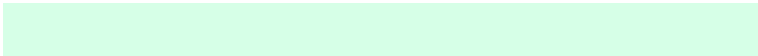
75.5262, 0.2701, 0.3134

Complementary

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



75.5262, 0.3262, 0.3052



91.5856, 0.3012, 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.



75.5262, 0.2798, 0.3344



75.5262, 0.3262, 0.3052



75.5262, 0.3212, 0.3675

Square

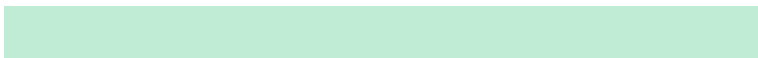
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



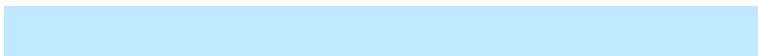
75.5262, 0.3262, 0.3052



75.5262, 0.3558, 0.3590



75.5262, 0.2984, 0.3547



75.5262, 0.2712, 0.2977

Rectangle

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



75.5262, 0.3262, 0.3052



75.5262, 0.3550, 0.3355



75.5262, 0.2984, 0.3547



75.5262, 0.2722, 0.3200

Sweetspot

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



75.5270, 0.3262, 0.3052



91.7974, 0.3165, 0.3218



72.2030, 0.2975, 0.2869



19.4110, 0.3171, 0.3208



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.



75.5270, 0.3262, 0.3052



71.6613, 0.3291, 0.3007



74.4209, 0.3404, 0.3249



18.1655, 0.3202, 0.3152



12.2781, 0.4604, 0.2310



1.2172, 0.4401, 0.2198

Inverse Universe

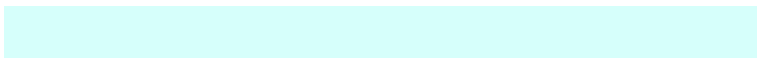
The Inverse Universe completely reimagines the original color for something new.



75.5270, 0.3262, 0.3052



71.6613, 0.3291, 0.3007



92.7750, 0.2905, 0.3331



18.1655, 0.3202, 0.3152



12.2781, 0.4604, 0.2310



1.2172, 0.4401, 0.2198

Previews

White Background



This preview shows how the Yxy color 75.5262, 0.3262, 0.3052 looks on a white background.

Color Contrast Check

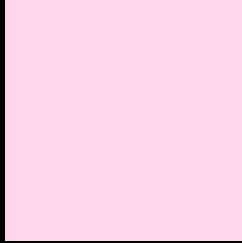
Large Text (above 18pt) WCAG AA × Fail

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 75.5262, 0.3262, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

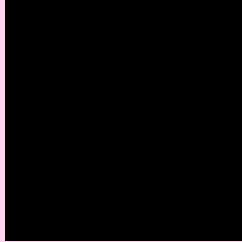
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5262, 0.3262, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 75.5262, 0.3262, 0.3052.



This preview shows how white text looks on a background with the Yxy color 75.5262, 0.3262, 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

75.5262, 0.3262, 0.3052

Protanopia

75.6903, 0.3000, 0.3080

Deuteranopia

75.6547, 0.3171, 0.3106



Tritanopia

75.4979, 0.3296, 0.3120

Trichromacy



Original Color

75.5262, 0.3262, 0.3052

Protanomaly

75.2594, 0.3089, 0.3063

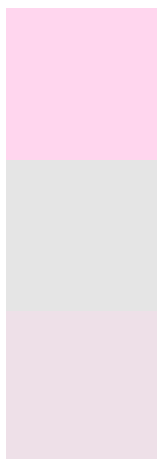
Deuteranomaly

75.5143, 0.3208, 0.3088

Tritanomaly

75.6122, 0.3282, 0.3101

Monochromacy



Original Color

75.5262, 0.3262, 0.3052

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 75.5262, 0.3262, 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, 214, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 238) }
```

Border

The CSS property to change the border of an element to Yxy 75.5262, 0.3262, 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, 214, 238) }
```

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

```
.border{ border-color:rgb(255, 214, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 214, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 214, 238); box-shadow:4px 4px 4px 4px rgb(255, 214, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5262, 0.3262, 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, 214, 238) }
```

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

```
.background{ background-color: rgb(255,  
214, 238) }
```

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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