

Converting Colors

Yxy(61.9619, 0.3694, 0.3363)

Have a look what the booklet for
Yxy(61.9619, 0.3694, 0.3363)
contains.

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Color

Yxy(62.0847, 0.3692, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	FDC0B9
RGB	253, 192, 185
RGB Percent	99%, 75%, 73%
CMY	0.0078, 0.2471, 0.2745
CMYK	0.00, 0.24, 0.27, 0.01
HSL	6°, 94%, 86%
HSV	6°, 27%, 99%
XYZ	68.1179, 62.0847, 54.2987
YIQ	209.4410, 38.6030, 10.7550

Conversions

Conversions Part 2

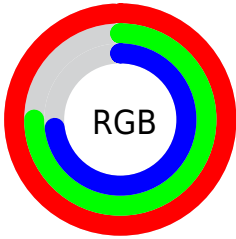
Format	Color
R _Y B	253, 193, 185
Decimal	16629945
CIE Lab	82.96, 20.90, 12.02
CIE LCh	83, 24.112, 29.892
Yxy	62.0847, 0.3692, 0.3365
Android (android.graphics.Color)	4294820025 (0xFFFD00B9)
YUV	209.4410, -12.0494, 38.2012
Hunter-Lab	78.7938, 16.4254, 14.2975

Details

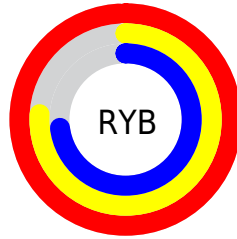
The Yxy color **62.0847, 0.3692, 0.3365** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.3323, 0.2726, 0.3213**, and the grayscale version is **64.1274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3622, 0.3213, 0.3367**, and **31.4450, 0.3836, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **51.9004, 0.3994, 0.3394**, and if you desaturate by 10%, it is **74.0024, 0.3444, 0.3336**.

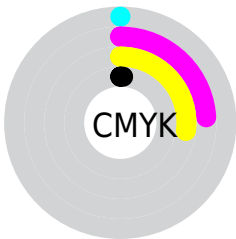
Distribution



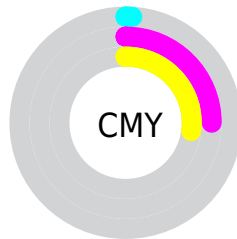
- Red (99%)
- Green (75%)
- Blue (73%)



- Red (99%)
- Yellow (76%)
- Blue (73%)



- Cyan (0%)
- Magenta (24%)
- Yellow (27%)
- Black (1%)





- Cyan (1%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0847, 0.3692, 0.3365 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 62.0847, 0.3692, 0.3365 by changing the saturation by 10% instead.


 62.0847, 0.3692,
0.3365

 62.0847, 0.3692,
0.3365


432.2400, 0.3420,
0.3335

 45.1011, 0.3757,
0.3370


 107.8479, 0.3596,
0.3356

 31.5371, 0.3838,
0.3376


137.3964, 0.3559,
0.3352

 21.0082, 0.3942,
0.3383


171.9020, 0.3527,
0.3348

 13.1300, 0.4082,
0.3388

211.7490, 0.3500,
0.3345

 7.5181, 0.4279,
0.3391

257.3219, 0.3476,
0.3342

 3.7882, 0.4575,
0.3385

309.0052, 0.3456,

 1.5558, 0.5081,

0.3340

0.3360

367.1830, 0.3437,
0.3337

0.3275, 0.7150,
0.2850

0.0000, 0.0000,
0.0000

62.0847, 0.3692,
0.3365

62.0847, 0.3692,
0.3365

51.9004, 0.3994,
0.3394

74.0024, 0.3444,
0.3336

43.3604, 0.4357,
0.3421

87.7198, 0.3243,
0.3308

36.3811, 0.4774,
0.3441

99.6243, 0.3115,
0.3290

30.8676, 0.5227,
0.3449

■ 26.7149, 0.5671,
0.3440

■ 23.8041, 0.6043,
0.3409

■ 21.9948, 0.6284,
0.3363

■ 21.6233, 0.6336,
0.3351

Harmonies

Analogous

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



62.0847, 0.3491, 0.3115



62.0847, 0.3692, 0.3365



62.0847, 0.3732, 0.3610

Triad

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



62.0847, 0.3692, 0.3365



62.0847, 0.3039, 0.3716



62.0847, 0.2662, 0.2802

Complementary

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



62.0847, 0.3692, 0.3365



83.3323, 0.2726, 0.3213

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.



62.0847, 0.2556, 0.2932



62.0847, 0.3692, 0.3365



62.0847, 0.2766, 0.3465

Square

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



62.0847, 0.3692, 0.3365



62.0847, 0.3345, 0.3834



62.0847, 0.2593, 0.3172



62.0847, 0.2891, 0.2799

Rectangle

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



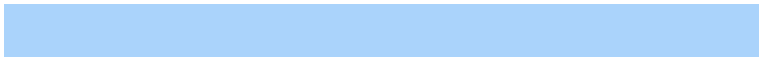
62.0847, 0.3692, 0.3365



62.0847, 0.3662, 0.3740



62.0847, 0.2593, 0.3172



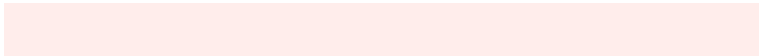
62.0847, 0.2612, 0.2831

Sweetspot

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



62.0876, 0.3692, 0.3365



87.6279, 0.3264, 0.3311



62.2544, 0.3209, 0.2681



18.2873, 0.3292, 0.3315



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.



62.0876, 0.3692, 0.3365



57.6612, 0.3840, 0.3380



78.6774, 0.3602, 0.3708



18.2873, 0.3292, 0.3315



11.5971, 0.6320, 0.3363



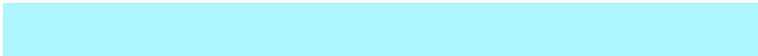
1.2239, 0.6171, 0.3482

Inverse Universe

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



83.3323, 0.2726, 0.3213



82.4352, 0.2657, 0.3197



64.6011, 0.2689, 0.2832



20.1435, 0.2980, 0.3265



33.1233, 0.2156, 0.2963



3.3132, 0.2168, 0.3003

Previews

White Background



This preview shows how the Yxy color 62.0847, 0.3692, 0.3365 looks on a white background.

Color Contrast Check

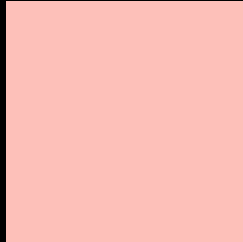
Large Text (above 18pt) WCAG AA × Fail

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 62.0847, 0.3692, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

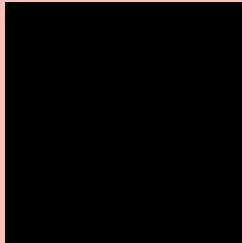
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0847, 0.3692, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 62.0847, 0.3692, 0.3365.

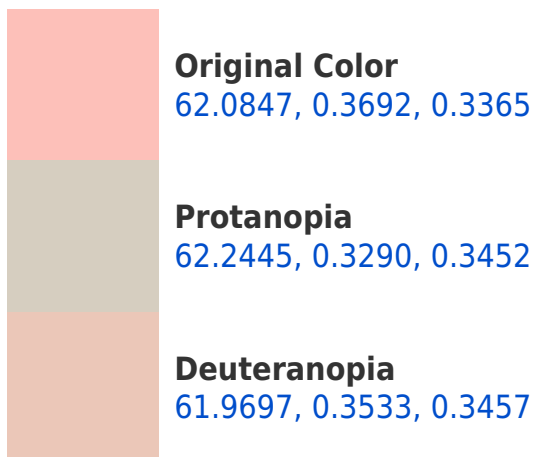


This preview shows how white text looks on a background with the Yxy color 62.0847, 0.3692, 0.3365.

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





Tritanopia

62.0148, 0.3557, 0.3136

Trichromacy



Original Color

62.0847, 0.3692, 0.3365

Protanomaly

61.9414, 0.3432, 0.3425

Deuteranomaly

61.8178, 0.3598, 0.3421

Tritanomaly

61.9290, 0.3605, 0.3219

Monochromacy



Original Color

62.0847, 0.3692, 0.3365

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.8896, 0.3321, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0847, 0.3692, 0.3365 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(253, 192, 185)` looks like.

```
.text, #text, p{  
    color:rgb(253, 192, 185)  
}
```

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(253, 192, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 192, 185) }
```

Border

The CSS property to change the border of an element to Yxy 62.0847, 0.3692, 0.3365 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(253, 192, 185) }
```

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

```
.border{ border-color:rgb(253, 192, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 192, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 192, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 192, 185);  
box-shadow:4px 4px 4px 4px rgb(253, 192,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0847, 0.3692, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 192, 185) }
```

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

```
.background{ background-color: rgb(253,  
192, 185) }
```

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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