

Converting Colors

$Y_{xy}(64.5359, 0.3529, 0.2993)$

Have a look what the booklet for
Yxy(64.5359, 0.3529, 0.2993)
contains.

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Color

Yxy(62.2884, 0.3444, 0.2984)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCDA
RGB	255, 188, 218
RGB Percent	100%, 74%, 85%
CMY	0.0000, 0.2628, 0.1451
CMYK	0.00, 0.26, 0.15, 0.00
HSL	333°, 100%, 87%
HSV	333°, 26%, 100%
XYZ	71.8905, 62.2884, 74.5624
YIQ	211.4530, 30.3020, 23.5340

Conversions

Conversions Part 2

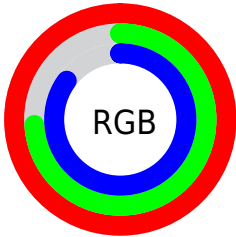
Format	Color
R _Y B	255, 188, 218
Decimal	16760026
CIE Lab	83.07, 28.55, -5.48
CIE LCh	83, 29.073, 349.133
Yxy	62.2884, 0.3444, 0.2984
Android (android.graphics.Color)	4294950106 (0xFFFFBCDA)
YUV	211.4530, 3.2277, 38.1907
Hunter-Lab	78.9230, 24.4794, -0.7680

Details

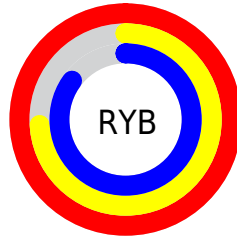
The Yxy color $62.2884, 0.3444, 0.2984$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.6451, 0.2894, 0.3619$, and the grayscale version is $65.4130, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $31.5649, 0.3519, 0.2910$ is the 20% darker color. If you saturate the color by 10%, you get $51.6280, 0.3611, 0.2862$, and if you desaturate by 10%, it is $74.9240, 0.3304, 0.3105$.

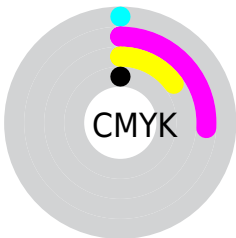
Distribution



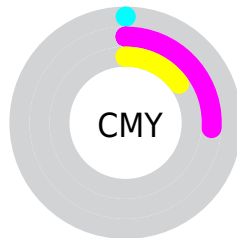
- Red (100%)
- Green (74%)
- Blue (85%)



- Red (100%)
- Yellow (74%)
- Blue (85%)



- Cyan (0%)
- Magenta (26%)
- Yellow (15%)
- Black (0%)




- Cyan (0%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2884, 0.3444, 0.2984 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 62.2884, 0.3444, 0.2984 by changing the saturation by 10% instead.

 62.2884, 0.3444,
0.2984

 62.2884, 0.3444,
0.2984


432.9823, 0.3295,
0.3126

 45.2658, 0.3479,
0.2951


 108.1422, 0.3392,
0.3034

 31.6668, 0.3522,
0.2911


137.7422, 0.3372,
0.3053

 21.1071, 0.3577,
0.2859

172.3035, 0.3354,
0.3069

 13.2023, 0.3650,
0.2792

212.2104, 0.3339,
0.3084

 7.5680, 0.3752,
0.2700

257.8473, 0.3326,
0.3096

 3.8198, 0.3901,
0.2566


309.5987, 0.3315,

 1.5733, 0.4144,


0.3107


0.2355


367.8489, 0.3304,
0.3117


 0.3395, 0.4859,
0.1598


 0.0000, 0.0000,
0.0000


 62.2884, 0.3444,
0.2984


 62.2884, 0.3444,
0.2984

 51.6280, 0.3611,
0.2862


 74.9240, 0.3304,
0.3105

 42.8581, 0.3810,
0.2746

 89.6483, 0.3189,
0.3221

 35.8604, 0.4040,
0.2644

100.0000, 0.3127,
0.3290

 30.5107, 0.4298,
0.2568

■ 26.6684, 0.4576,
0.2532

■ 24.1692, 0.4859,
0.2547

■ 22.8085, 0.5129,
0.2617

■ 22.4796, 0.5226,
0.2652

Harmonies

Analogous

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



62.2884, 0.3070, 0.2778



62.2884, 0.3444, 0.2984



62.2884, 0.3742, 0.3265

Triad

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



62.2884, 0.3444, 0.2984



62.2884, 0.3508, 0.3950



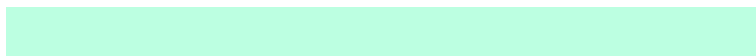
62.2884, 0.2442, 0.2946

Complementary

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



62.2884, 0.3444, 0.2984



87.6451, 0.2894, 0.3619

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.



62.2884, 0.2544, 0.3268



62.2884, 0.3444, 0.2984



62.2884, 0.3150, 0.3883

Square

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



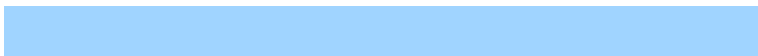
62.2884, 0.3444, 0.2984



62.2884, 0.3774, 0.3822



62.2884, 0.2799, 0.3624



62.2884, 0.2508, 0.2743

Rectangle

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



62.2884, 0.3444, 0.2984



62.2884, 0.3847, 0.3468



62.2884, 0.2799, 0.3624



62.2884, 0.2458, 0.3043

Sweetspot

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



62.2823, 0.3444, 0.2984



86.9635, 0.3207, 0.3201



59.1628, 0.2931, 0.2587



18.1223, 0.3224, 0.3184



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.



62.2823, 0.3444, 0.2984



55.9512, 0.3536, 0.2914



62.2988, 0.3685, 0.3327



18.1223, 0.3224, 0.3184



11.7752, 0.5185, 0.2630



1.1681, 0.4904, 0.2475

Inverse Universe

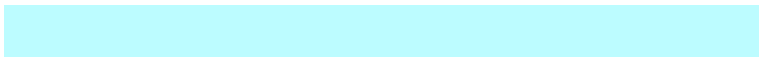
The Inverse Universe completely reimagines the original color for something new.



62.2823, 0.3444, 0.2984



55.9512, 0.3536, 0.2914



87.3103, 0.2738, 0.3253



18.1223, 0.3224, 0.3184



11.7752, 0.5185, 0.2630



1.1681, 0.4904, 0.2475

Previews

White Background



This preview shows how the Yxy color 62.2884, 0.3444, 0.2984 looks on a white background.

Color Contrast Check

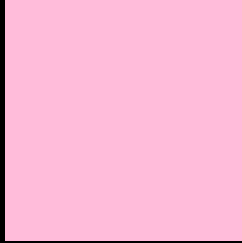
Large Text (above 18pt) WCAG AA × Fail

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 62.2884, 0.3444, 0.2984 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 62.2884, 0.3444, 0.2984

Background



This preview shows how black text looks on a background with the Yxy color 62.2884, 0.3444, 0.2984.



This preview shows how white text looks on a background with the Yxy color 62.2884, 0.3444, 0.2984.

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

62.2884, 0.3444, 0.2984

Protanopia

62.7789, 0.2963, 0.3030

Deuteranopia

62.4191, 0.3189, 0.3124



Tritanopia

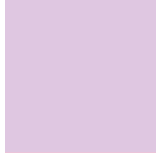
62.1173, 0.3530, 0.3135

Trichromacy



Original Color

62.2884, 0.3444, 0.2984



Protanomaly

61.9711, 0.3125, 0.3005



Deuteranomaly

62.1518, 0.3280, 0.3064



Tritanomaly

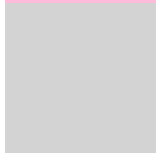
62.1192, 0.3499, 0.3074

Monochromacy



Original Color

62.2884, 0.3444, 0.2984



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.8978, 0.3233, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2884, 0.3444, 0.2984 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, 188, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 218)  
}
```

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, 188, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 218) }
```

Border

The CSS property to change the border of an element to Yxy 62.2884, 0.3444, 0.2984 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, 188, 218) }
```

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

```
.border{ border-color:rgb(255, 188, 218) }
```

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

Here you see how a box with a 4 pixel rgb(255, 188, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2884, 0.3444, 0.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 218) }
```

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

```
.background{ background-color: rgb(255,  
188, 218) }
```

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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