

Converting Colors

$Yxy(62.0793, 0.3435, 0.2973)$

Have a look what the booklet for
Yxy(62.0793, 0.3435, 0.2973)
contains.

Yxy(62.3409, 0.3435, 0.2974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.3409, 0.3435, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCDB
RGB	255, 188, 219
RGB Percent	100%, 74%, 86%
CMY	0.0001, 0.2627, 0.1411
CMYK	0.00, 0.26, 0.14, 0.00
HSL	332°, 100%, 87%
HSV	332°, 26%, 100%
XYZ	72.0044, 62.3409, 75.2744
YIQ	211.5670, 29.9810, 23.8450

Conversions

Conversions Part 2

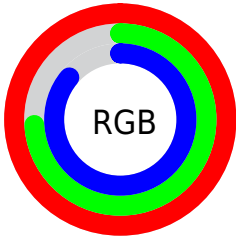
Format	Color
R _Y B	255, 188, 219
Decimal	16760027
CIE Lab	83.09, 28.67, -5.99
CIE LCh	83, 29.291, 348.195
Yxy	62.3409, 0.3435, 0.2974
Android (android.graphics.Color)	4294950107 (0xFFFFBCDB)
YUV	211.5670, 3.6645, 38.0907
Hunter-Lab	78.9563, 24.6101, -1.2559

Details

The Yxy color $62.3409, 0.3435, 0.2974$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.5751, 0.2899, 0.3630$, and the grayscale version is $65.4982, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $31.6008, 0.3507, 0.2898$ is the 20% darker color. If you saturate the color by 10%, you get $51.7026, 0.3598, 0.2848$, and if you desaturate by 10%, it is $74.9685, 0.3299, 0.3099$.

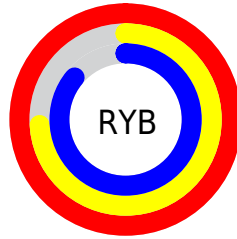
Distribution



Red (100%)

Green (74%)

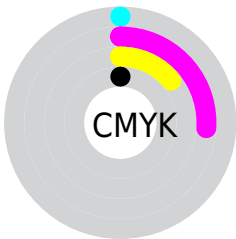
Blue (86%)



Red (100%)

Yellow (74%)

Blue (86%)

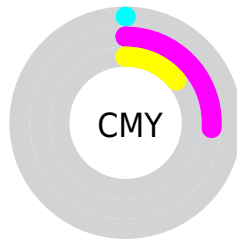


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3409, 0.3435, 0.2974 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 62.3409, 0.3435, 0.2974 by changing the saturation by 10% instead.

 62.3409, 0.3435,
0.2974

 62.3409, 0.3435,
0.2974


433.1735, 0.3290,
0.3121

 45.3082, 0.3469,
0.2940


 108.2181, 0.3384,
0.3025

 31.7003, 0.3510,
0.2899


137.8314, 0.3365,
0.3045

 21.1327, 0.3564,
0.2846


172.4069, 0.3348,
0.3062

 13.2210, 0.3634,
0.2777

212.3293, 0.3333,
0.3077

 7.5809, 0.3732,
0.2682

257.9827, 0.3321,
0.3090

 3.8280, 0.3876,
0.2545

309.7516, 0.3309,

 1.5778, 0.4109,

0.3101

0.2331

368.0204, 0.3299,
0.3112

0.3426, 0.4781,
0.1576

0.0000, 0.0000,
0.0000

62.3409, 0.3435,
0.2974

62.3409, 0.3435,
0.2974

51.7026, 0.3598,
0.2848

74.9685, 0.3299,
0.3099

42.9424, 0.3790,
0.2728

89.6721, 0.3187,
0.3219

35.9512, 0.4012,
0.2622

99.9947, 0.3127,
0.3290

30.6049, 0.4261,
0.2543

■ 26.7633, 0.4530,
0.2503

■ 24.2620, 0.4803,
0.2515

■ 22.8972, 0.5066,
0.2582

■ 22.5650, 0.5160,
0.2616

Harmonies

Analogous

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



62.3409, 0.3057, 0.2770



62.3409, 0.3435, 0.2974



62.3409, 0.3739, 0.3255

Triad

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



62.3409, 0.3435, 0.2974



62.3409, 0.3521, 0.3953



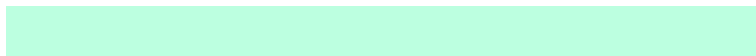
62.3409, 0.2438, 0.2952

Complementary

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



62.3409, 0.3435, 0.2974



87.5751, 0.2899, 0.3630

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.



62.3409, 0.2546, 0.3279



62.3409, 0.3435, 0.2974



62.3409, 0.3161, 0.3893

Square

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



62.3409, 0.3435, 0.2974



62.3409, 0.3785, 0.3819



62.3409, 0.2806, 0.3637



62.3409, 0.2499, 0.2743

Rectangle

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



62.3409, 0.3435, 0.2974



62.3409, 0.3849, 0.3460



62.3409, 0.2806, 0.3637



62.3409, 0.2456, 0.3051

Sweetspot

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



62.3437, 0.3435, 0.2974



86.9825, 0.3205, 0.3198



58.9948, 0.2923, 0.2586



18.1271, 0.3221, 0.3180



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.



62.3437, 0.3435, 0.2974



56.0137, 0.3525, 0.2902



61.8204, 0.3688, 0.3315



18.1271, 0.3221, 0.3180



11.8231, 0.5121, 0.2595



1.1730, 0.4847, 0.2444

Inverse Universe

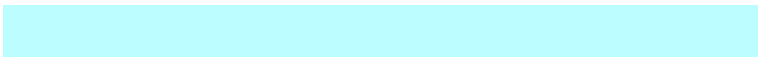
The Inverse Universe completely reimagines the original color for something new.



62.3437, 0.3435, 0.2974



56.0137, 0.3525, 0.2902



87.9982, 0.2739, 0.3265



18.1271, 0.3221, 0.3180



11.8231, 0.5121, 0.2595



1.1730, 0.4847, 0.2444

Previews

White Background



This preview shows how the Yxy color 62.3409, 0.3435, 0.2974 looks on a white background.

Color Contrast Check

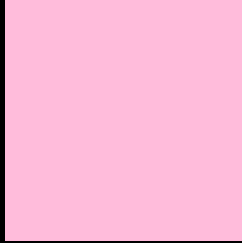
Large Text (above 18pt) WCAG AA × Fail

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 62.3409, 0.3435, 0.2974 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 62.3409, 0.3435, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 62.3409, 0.3435, 0.2974.



This preview shows how white text looks on a background with the Yxy color 62.3409, 0.3435, 0.2974.

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

62.3409, 0.3435, 0.2974

Protanopia

62.6932, 0.2949, 0.3019

Deuteranopia

62.4710, 0.3182, 0.3113



Tritanopia

62.1173, 0.3530, 0.3135

Trichromacy



Original Color

62.3409, 0.3435, 0.2974



Protanomaly

62.0258, 0.3118, 0.2995



Deuteranomaly

62.2040, 0.3273, 0.3054



Tritanomaly

62.1192, 0.3499, 0.3074

Monochromacy



Original Color

62.3409, 0.3435, 0.2974



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

64.1121, 0.3233, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3409, 0.3435, 0.2974 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 219) }
```

Border

The CSS property to change the border of an element to Yxy 62.3409, 0.3435, 0.2974 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, 219) }
```

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

```
.border{ border-color:rgb(255, 188, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3409, 0.3435, 0.2974 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
188, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor