

Converting Colors

Yxy(69.9917, 0.3669, 0.3054)

Have a look what the booklet for
Yxy(69.9917, 0.3669, 0.3054)
contains.

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Color

Yxy(64.0212, 0.3438, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0DA
RGB	255, 192, 218
RGB Percent	100%, 75%, 85%
CMY	0.0000, 0.2471, 0.1451
CMYK	0.00, 0.25, 0.15, 0.00
HSL	335°, 100%, 88%
HSV	335°, 25%, 100%
XYZ	72.7619, 64.0212, 74.8572
YIQ	213.8010, 29.2020, 21.4420

Conversions

Conversions Part 2

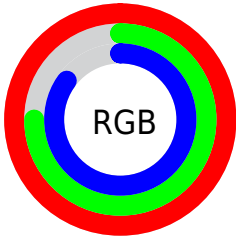
Format	Color
R _Y B	255, 192, 218
Decimal	16761050
CIE Lab	83.98, 26.46, -4.14
CIE LCh	84, 26.784, 351.100
Yxy	64.0212, 0.3438, 0.3025
Android (android.graphics.Color)	4294951130 (0xFFFFC0DA)
YUV	213.8010, 2.0701, 36.1315
Hunter-Lab	80.0132, 22.3000, 0.5399

Details

The Yxy color **64.0212, 0.3438, 0.3025** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3792, 0.2895, 0.3572**, and the grayscale version is **67.0664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **32.8271, 0.3520, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **53.0206, 0.3611, 0.2912**, and if you desaturate by 10%, it is **77.0147, 0.3294, 0.3136**.

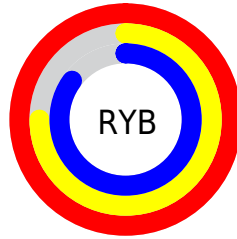
Distribution



Red (100%)

Green (75%)

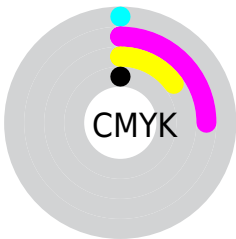
Blue (85%)



Red (100%)

Yellow (75%)

Blue (85%)

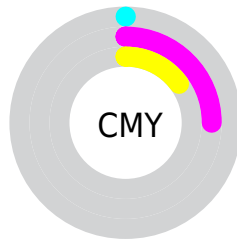


Cyan (0%)

Magenta (25%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0212, 0.3438, 0.3025 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 64.0212, 0.3438, 0.3025 by changing the saturation by 10% instead.

 64.0212, 0.3438,
0.3025

 64.0212, 0.3438,
0.3025

439.2662, 0.3292,
0.3148

 46.6678, 0.3472,
0.2997


 110.6415, 0.3387,
0.3068

 32.7732, 0.3514,
0.2962


140.6772, 0.3367,
0.3085

 21.9527, 0.3568,
0.2917


175.7091, 0.3350,
0.3099

 13.8222, 0.3640,
0.2859

216.1217, 0.3335,
0.3111

 7.9971, 0.3738,
0.2778

262.2993, 0.3323,
0.3122

 4.0931, 0.3884,
0.2662


314.6263, 0.3311,


 1.7258, 0.4120,


0.3132

0.2479


373.4871, 0.3301,
0.3141


 0.4403, 0.4728,
0.1919


 0.0000, 1.0000,
0.0000


 64.0212, 0.3438,
0.3025

 64.0212, 0.3438,
0.3025

 53.0206, 0.3611,
0.2912


 77.0147, 0.3294,
0.3136

 43.9375, 0.3818,
0.2803

 92.1223, 0.3175,
0.3242

 36.6522, 0.4061,
0.2707

100.0000, 0.3127,
0.3290

 31.0421, 0.4335,
0.2634

■ 26.9694, 0.4633,
0.2599

■ 24.2735, 0.4938,
0.2613

■ 22.7578, 0.5229,
0.2681

■ 22.2866, 0.5373,
0.2733

Harmonies

Analogous

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



64.0212, 0.3098, 0.2829



64.0212, 0.3438, 0.3025



64.0212, 0.3700, 0.3288

Triad

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



64.0212, 0.3438, 0.3025



64.0212, 0.3457, 0.3893



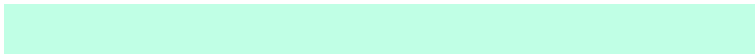
64.0212, 0.2498, 0.2961

Complementary

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



64.0212, 0.3438, 0.3025



88.3792, 0.2895, 0.3572

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.



64.0212, 0.2583, 0.3250



64.0212, 0.3438, 0.3025



64.0212, 0.3127, 0.3818

Square

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



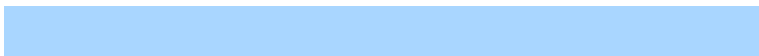
64.0212, 0.3438, 0.3025



64.0212, 0.3707, 0.3790



64.0212, 0.2809, 0.3574



64.0212, 0.2569, 0.2782

Rectangle

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



64.0212, 0.3438, 0.3025



64.0212, 0.3788, 0.3474



64.0212, 0.2809, 0.3574



64.0212, 0.2509, 0.3048

Sweetspot

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



64.0124, 0.3437, 0.3025



88.4787, 0.3200, 0.3219



61.5254, 0.2961, 0.2635



18.7362, 0.3207, 0.3212



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.



64.0124, 0.3437, 0.3025



57.9581, 0.3525, 0.2965



65.1021, 0.3637, 0.3346



18.1115, 0.3229, 0.3192



11.6732, 0.5331, 0.2710



1.1577, 0.5034, 0.2547

Inverse Universe

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



64.0124, 0.3437, 0.3025



57.9581, 0.3525, 0.2965



86.6385, 0.2757, 0.3233



18.1115, 0.3229, 0.3192



11.6732, 0.5331, 0.2710



1.1577, 0.5034, 0.2547

Previews

White Background



This preview shows how the Yxy color 64.0212, 0.3438, 0.3025 looks on a white background.

Color Contrast Check

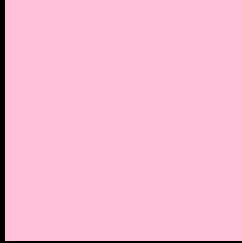
Large Text (above 18pt) WCAG AA × Fail

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 64.0212, 0.3438, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

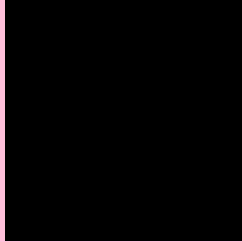
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0212, 0.3438, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 64.0212, 0.3438, 0.3025.



This preview shows how white text looks on a background with the Yxy color 64.0212, 0.3438, 0.3025.

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

64.0212, 0.3438, 0.3025

Protanopia

64.1231, 0.2991, 0.3066

Deuteranopia

64.0006, 0.3218, 0.3148



Tritanopia

64.2579, 0.3498, 0.3136

Trichromacy



Original Color

64.0212, 0.3438, 0.3025



Protanomaly

63.6304, 0.3146, 0.3050



Deuteranomaly

63.8611, 0.3293, 0.3098



Tritanomaly

63.9642, 0.3476, 0.3095

Monochromacy



Original Color

64.0212, 0.3438, 0.3025



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.7069, 0.3238, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0212, 0.3438, 0.3025 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, 192, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 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, 192, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 218) }
```

Border

The CSS property to change the border of an element to Yxy 64.0212, 0.3438, 0.3025 is called "border". The border property can be set on classes, ids or directly on the HTML element.

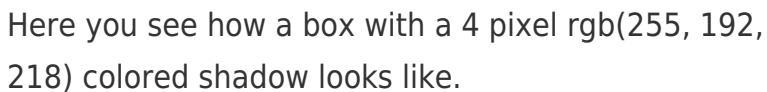
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 192, 218) }
```

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

```
.border{ border-color:rgb(255, 192, 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, 192, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 192, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 192, 218); box-shadow:4px 4px 4px 4px rgb(255, 192, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0212, 0.3438, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 218) }
```

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

```
.background{ background-color: rgb(255,  
192, 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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