

Converting Colors

$Y_{xy}(70.9688, 0.3690, 0.3032)$

Have a look what the booklet for
Yxy(70.9688, 0.3690, 0.3032)
contains.

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Color

Yxy(64.1266, 0.3422, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0DC
RGB	255, 192, 220
RGB Percent	100%, 75%, 86%
CMY	0.0000, 0.2471, 0.1372
CMYK	0.00, 0.25, 0.14, 0.00
HSL	333°, 100%, 88%
HSV	333°, 25%, 100%
XYZ	73.0254, 64.1266, 76.2477
YIQ	214.0290, 28.5600, 22.0640

Conversions

Conversions Part 2

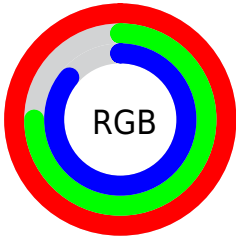
Format	Color
R _Y B	255, 192, 220
Decimal	16761052
CIE Lab	84.03, 26.78, -5.14
CIE LCh	84, 27.264, 349.143
Yxy	64.1266, 0.3422, 0.3005
Android (android.graphics.Color)	4294951132 (0xFFFFC0DC)
YUV	214.0290, 2.9437, 35.9316
Hunter-Lab	80.0791, 22.6385, -0.3979

Details

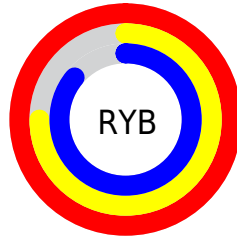
The Yxy color **64.1266, 0.3422, 0.3005** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.2679, 0.2906, 0.3595**, and the grayscale version is **67.2225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **32.8993, 0.3499, 0.2939** is the 20% darker color. If you saturate the color by 10%, you get **53.1563, 0.3585, 0.2884**, and if you desaturate by 10%, it is **77.0834, 0.3285, 0.3124**.

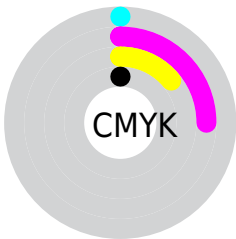
Distribution



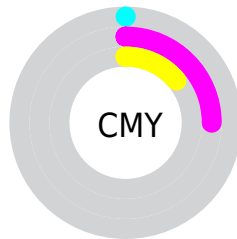
- Red (100%)
- Green (75%)
- Blue (86%)



- Red (100%)
- Yellow (75%)
- Blue (86%)



- Cyan (0%)
- Magenta (25%)
- Yellow (14%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1266, 0.3422, 0.3005 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 64.1266, 0.3422, 0.3005 by changing the saturation by 10% instead.


 64.1266, 0.3422,
0.3005

 64.1266, 0.3422,
0.3005

439.6467, 0.3284,
0.3137

 46.7532, 0.3454,
0.2975

 110.7932, 0.3374,
0.3051

 32.8406, 0.3494,
0.2937


140.8553, 0.3355,
0.3069

 22.0044, 0.3545,
0.2890


175.9157, 0.3339,
0.3084

 13.8601, 0.3612,
0.2828

216.3588, 0.3325,
0.3097

 8.0234, 0.3704,
0.2743

262.5691, 0.3313,
0.3109

 4.1099, 0.3840,
0.2621


314.9309, 0.3302,


 1.7353, 0.4058,

0.3120

0.2429


373.8286, 0.3292,
0.3129


 0.4463, 0.4601,
0.1866


 0.0000, 1.0000,
0.0000

 64.1266, 0.3422,
0.3005


 64.1266, 0.3422,
0.3005

 53.1563, 0.3585,
0.2884


 77.0834, 0.3285,
0.3124

 44.0961, 0.3780,
0.2767

 92.1463, 0.3173,
0.3239

 36.8271, 0.4007,
0.2663

100.0000, 0.3127,
0.3290

 31.2271, 0.4263,
0.2583

■ 27.1584, 0.4540,
0.2540

■ 24.4611, 0.4826,
0.2547

■ 22.9387, 0.5101,
0.2610

■ 22.4621, 0.5238,
0.2659

Harmonies

Analogous

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



64.1266, 0.3075, 0.2812



64.1266, 0.3422, 0.3005



64.1266, 0.3698, 0.3269

Triad

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



64.1266, 0.3422, 0.3005



64.1266, 0.3483, 0.3902



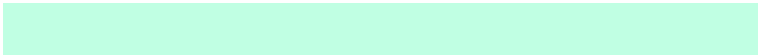
64.1266, 0.2488, 0.2972

Complementary

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



64.1266, 0.3422, 0.3005



88.2679, 0.2906, 0.3595

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.



64.1266, 0.2584, 0.3271



64.1266, 0.3422, 0.3005



64.1266, 0.3149, 0.3838

Square

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



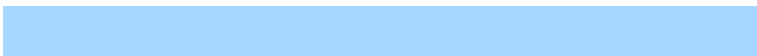
64.1266, 0.3422, 0.3005



64.1266, 0.3729, 0.3786



64.1266, 0.2822, 0.3599



64.1266, 0.2550, 0.2781

Rectangle

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



64.1266, 0.3422, 0.3005



64.1266, 0.3795, 0.3458



64.1266, 0.2822, 0.3599



64.1266, 0.2503, 0.3062

Sweetspot

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



64.1181, 0.3422, 0.3005



88.5134, 0.3197, 0.3213



61.1826, 0.2945, 0.2632



18.7442, 0.3203, 0.3206



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.



64.1181, 0.3422, 0.3005



58.0804, 0.3504, 0.2941



64.1534, 0.3643, 0.3324



18.1214, 0.3224, 0.3185



11.7659, 0.5198, 0.2637



1.1672, 0.4915, 0.2481

Inverse Universe

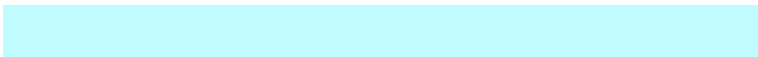
The Inverse Universe completely reimagines the original color for something new.



64.1181, 0.3422, 0.3005



58.0804, 0.3504, 0.2941



87.9497, 0.2759, 0.3256



18.1214, 0.3224, 0.3185



11.7659, 0.5198, 0.2637



1.1672, 0.4915, 0.2481

Previews

White Background



This preview shows how the Yxy color 64.1266, 0.3422, 0.3005 looks on a white background.

Color Contrast Check

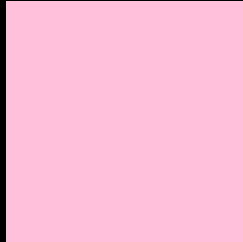
Large Text (above 18pt) WCAG AA × Fail

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 64.1266, 0.3422, 0.3005 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 64.1266, 0.3422, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 64.1266, 0.3422, 0.3005.



This preview shows how white text looks on a background with the Yxy color 64.1266, 0.3422, 0.3005.

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

64.1266, 0.3422, 0.3005

Protanopia

64.2348, 0.2978, 0.3044

Deuteranopia

64.5786, 0.3203, 0.3138



Tritanopia

64.2579, 0.3498, 0.3136

Trichromacy



Original Color

64.1266, 0.3422, 0.3005

Protanomaly

63.7396, 0.3132, 0.3029

Deuteranomaly

64.4276, 0.3277, 0.3088

Tritanomaly

64.0149, 0.3468, 0.3085

Monochromacy



Original Color

64.1266, 0.3422, 0.3005

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

65.7585, 0.3231, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1266, 0.3422, 0.3005 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 220) }
```

Border

The CSS property to change the border of an element to Yxy 64.1266, 0.3422, 0.3005 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, 220) }
```

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

```
.border{ border-color:rgb(255, 192, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1266, 0.3422, 0.3005 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
192, 220) }
```

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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