

Converting Colors

Yxy(64.2236, 0.3447, 0.3066)

Have a look what the booklet for
Yxy(64.2236, 0.3447, 0.3066)
contains.

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Color

Yxy(64.1171, 0.3452, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	FEC1D7
RGB	254, 193, 215
RGB Percent	100%, 76%, 84%
CMY	0.0039, 0.2431, 0.1568
CMYK	0.00, 0.24, 0.15, 0.00
HSL	338°, 97%, 88%
HSV	338°, 24%, 100%
XYZ	72.2128, 64.1171, 72.8613
YIQ	213.7470, 29.2940, 19.7740

Conversions

Conversions Part 2

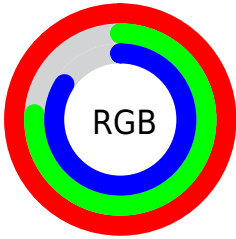
Format	Color
RYB	254, 193, 215
Decimal	16695767
CIELab	84.03, 25.09, -2.47
CIELCh	84, 25.214, 354.367
Yxy	64.1171, 0.3452, 0.3065
Android (android.graphics.Color)	4294885847 (0xFFFE1D7)
YUV	213.7470, 0.6177, 35.3019
Hunter-Lab	80.0732, 20.8496, 2.1012

Details

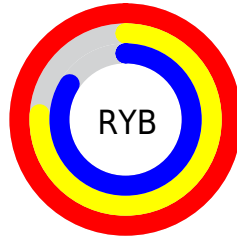
The Yxy color $64.1171, 0.3452, 0.3065$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.0573, 0.2885, 0.3528$, and the grayscale version is $67.0497, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.8512, 0.3129, 0.3242$, and $32.8736, 0.3540, 0.3015$ is the 20% darker color. If you saturate the color by 10%, you get $53.0434, 0.3640, 0.2966$, and if you desaturate by 10%, it is $77.2083, 0.3297, 0.3162$.

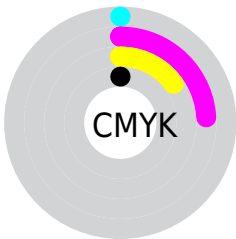
Distribution



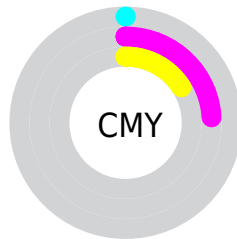
- Red (100%)
- Green (76%)
- Blue (84%)



- Red (100%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (24%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1171, 0.3452, 0.3065 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 64.1171, 0.3452, 0.3065 by changing the saturation by 10% instead.

 64.1171, 0.3452,
0.3065

 64.1171, 0.3452,
0.3065


439.6124, 0.3299,
0.3170

 46.7455, 0.3488,
0.3041

 110.7796, 0.3398,
0.3102

 32.8345, 0.3532,
0.3010


140.8392, 0.3378,
0.3116

 21.9997, 0.3589,
0.2972


175.8971, 0.3360,
0.3128

 13.8567, 0.3665,
0.2921

216.3375, 0.3344,
0.3139

 8.0211, 0.3770,
0.2851

262.5448, 0.3331,
0.3148

 4.1084, 0.3926,
0.2748


314.9035, 0.3319,

 1.7344, 0.4179,


0.3156


0.2584


373.7979, 0.3308,
0.3164


 0.4458, 0.4878,
0.2068

 0.0000, 0.0000,
0.0000


 64.1171, 0.3452,
0.3065


 64.1171, 0.3452,
0.3065

 53.0434, 0.3640,
0.2966


 77.2083, 0.3297,
0.3162

 43.8773, 0.3865,
0.2871

 92.4019, 0.3171,
0.3255

 36.5121, 0.4130,
0.2786

99.8136, 0.3121,
0.3290

 30.8266, 0.4433,
0.2724

■ 26.6848, 0.4762,
0.2697

■ 23.9289, 0.5098,
0.2717

■ 22.3664, 0.5413,
0.2789

■ 21.8394, 0.5585,
0.2850

Harmonies

Analogous

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



64.1171, 0.3136, 0.2870



64.1171, 0.3452, 0.3065



64.1171, 0.3685, 0.3318

Triad

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



64.1171, 0.3452, 0.3065



64.1171, 0.3407, 0.3857



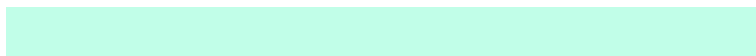
64.1171, 0.2533, 0.2957

Complementary

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



64.1171, 0.3452, 0.3065



88.0573, 0.2885, 0.3528

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.



64.1171, 0.2598, 0.3221



64.1171, 0.3452, 0.3065



64.1171, 0.3093, 0.3767

Square

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



64.1171, 0.3452, 0.3065



64.1171, 0.3654, 0.3779



64.1171, 0.2799, 0.3525



64.1171, 0.2616, 0.2800

Rectangle

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



64.1171, 0.3452, 0.3065



64.1171, 0.3754, 0.3493



64.1171, 0.2799, 0.3525



64.1171, 0.2538, 0.3036

Sweetspot

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



64.1200, 0.3452, 0.3065



88.4219, 0.3206, 0.3228



62.3927, 0.2989, 0.2659



18.7231, 0.3214, 0.3222



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.



64.1200, 0.3452, 0.3065



58.8683, 0.3541, 0.3016



66.7603, 0.3612, 0.3376



18.0953, 0.3237, 0.3205



11.5381, 0.5542, 0.2827



1.1434, 0.5229, 0.2654

Inverse Universe

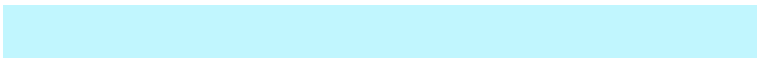
The Inverse Universe completely reimagines the original color for something new.



64.1200, 0.3452, 0.3065



58.8683, 0.3541, 0.3016



84.3324, 0.2764, 0.3202



18.0953, 0.3237, 0.3205



11.5381, 0.5542, 0.2827



1.1434, 0.5229, 0.2654

Previews

White Background



This preview shows how the Yxy color 64.1171, 0.3452, 0.3065 looks on a white background.

Color Contrast Check

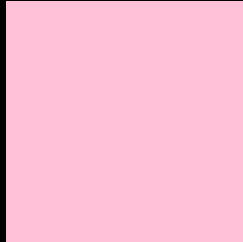
Large Text (above 18pt) WCAG AA × Fail

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 64.1171, 0.3452, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

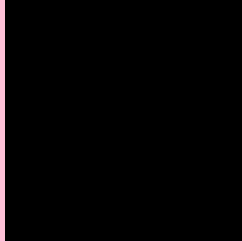
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1171, 0.3452, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 64.1171, 0.3452, 0.3065.



This preview shows how white text looks on a background with the Yxy color 64.1171, 0.3452, 0.3065.

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

64.1171, 0.3452, 0.3065

Protanopia

64.5381, 0.3025, 0.3121

Deuteranopia

64.1740, 0.3256, 0.3181



Tritanopia

64.0697, 0.3490, 0.3136

Trichromacy



Original Color

64.1171, 0.3452, 0.3065

Protanomaly

63.9399, 0.3167, 0.3093

Deuteranomaly

63.8790, 0.3323, 0.3130

Tritanomaly

64.1694, 0.3474, 0.3115

Monochromacy



Original Color

64.1171, 0.3452, 0.3065

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

65.6557, 0.3246, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1171, 0.3452, 0.3065 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(254, 193, 215)` looks like.

```
.text, #text, p{  
    color:rgb(254, 193, 215)  
}
```

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(254, 193, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 193, 215) }
```

Border

The CSS property to change the border of an element to Yxy 64.1171, 0.3452, 0.3065 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(254, 193, 215) }
```

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

```
.border{ border-color:rgb(254, 193, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 193, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 193, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 193, 215);  
box-shadow:4px 4px 4px 4px rgb(254, 193,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1171, 0.3452, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 193, 215) }
```

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

```
.background{ background-color: rgb(254,  
193, 215) }
```

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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