

Converting Colors

Yxy(64.5199, 0.3373, 0.3092)

Have a look what the booklet for
Yxy(64.5199, 0.3373, 0.3092)
contains.

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Color

Yxy(64.4832, 0.3374, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	F6C5D8
RGB	246, 197, 216
RGB Percent	96%, 77%, 85%
CMY	0.0353, 0.2274, 0.1530
CMYK	0.00, 0.20, 0.12, 0.04
HSL	337°, 73%, 87%
HSV	337°, 20%, 96%
XYZ	70.3643, 64.4832, 73.7010
YIQ	213.8170, 23.1050, 16.2970

Conversions

Conversions Part 2

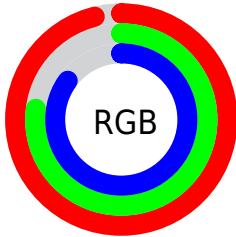
Format	Color
R _Y B	246, 197, 216
Decimal	16172504
CIE Lab	84.22, 20.35, -2.82
CIE LCh	84, 20.541, 352.119
Yxy	64.4832, 0.3374, 0.3092
Android (android.graphics.Color)	4294362584 (0xFFFF6C5D8)
YUV	213.8170, 1.0762, 28.2245
Hunter-Lab	80.3014, 15.8834, 1.7944

Details

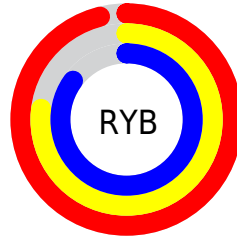
The Yxy color $64.4832, 0.3374, 0.3092$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.3247, 0.2932, 0.3497$, and the grayscale version is $67.0980, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3636, 0.3128, 0.3281$, and $33.0369, 0.3435, 0.3047$ is the 20% darker color. If you saturate the color by 10%, you get $53.4669, 0.3539, 0.2986$, and if you desaturate by 10%, it is $77.3995, 0.3238, 0.3194$.

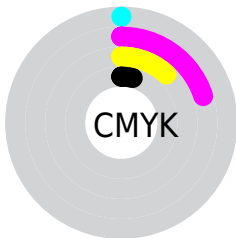
Distribution



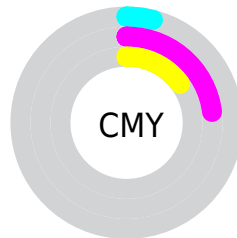
- Red (96%)
- Green (77%)
- Blue (85%)



- Red (96%)
- Yellow (77%)
- Blue (85%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.4832, 0.3374, 0.3092 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 64.4832, 0.3374, 0.3092 by changing the saturation by 10% instead.


 64.4832, 0.3374,
0.3092

 64.4832, 0.3374,
0.3092

440.9325, 0.3258,
0.3185

 47.0421, 0.3401,
0.3071

111.3065, 0.3333,
0.3124

 33.0690, 0.3435,
0.3044


141.4576, 0.3318,
0.3137

 22.1793, 0.3478,
0.3010


176.6141, 0.3304,
0.3148

 13.9887, 0.3535,
0.2966

217.1605, 0.3292,
0.3157

 8.1128, 0.3614,
0.2904

263.4811, 0.3282,
0.3165

 4.1672, 0.3732,
0.2815


315.9604, 0.3273,

 1.7675, 0.3924,


0.3172


0.2671


374.9827, 0.3265,
0.3179


 0.4668, 0.4462,
0.2206


 0.0000, 0.0000,
0.0000


 64.4832, 0.3374,
0.3092


 64.4832, 0.3374,
0.3092


 53.4669, 0.3539,
0.2986


 77.3995, 0.3238,
0.3194

 44.2517, 0.3739,
0.2882

 92.2911, 0.3126,
0.3291

 36.7429, 0.3975,
0.2785

 98.3314, 0.3072,
0.3290

 30.8335, 0.4247,
0.2705

■ 26.4044, 0.4550,
0.2656

■ 23.3193, 0.4869,
0.2649

■ 21.4167, 0.5183,
0.2695

■ 20.4313, 0.5470,
0.2787

■ 20.4242, 0.5472,
0.2788

Harmonies

Analogous

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



64.4832, 0.3116, 0.2935



64.4832, 0.3374, 0.3092



64.4832, 0.3569, 0.3300

Triad

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



64.4832, 0.3374, 0.3092



64.4832, 0.3375, 0.3749



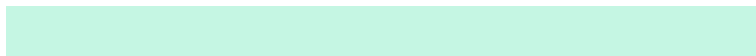
64.4832, 0.2640, 0.3035

Complementary

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



64.4832, 0.3374, 0.3092



83.3247, 0.2932, 0.3497

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.



64.4832, 0.2703, 0.3255



64.4832, 0.3374, 0.3092



64.4832, 0.3121, 0.3684

Square

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



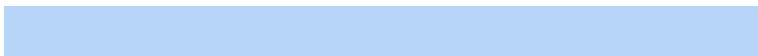
64.4832, 0.3374, 0.3092



64.4832, 0.3567, 0.3681



64.4832, 0.2877, 0.3498



64.4832, 0.2699, 0.2896

Rectangle

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



64.4832, 0.3374, 0.3092



64.4832, 0.3633, 0.3444



64.4832, 0.2877, 0.3498



64.4832, 0.2647, 0.3102

Sweetspot

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



64.4861, 0.3374, 0.3092



90.0349, 0.3192, 0.3233



62.8236, 0.3004, 0.2772



19.0492, 0.3199, 0.3226



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.



64.4861, 0.3374, 0.3092



64.7917, 0.3439, 0.3049



65.8210, 0.3514, 0.3343



16.5889, 0.3233, 0.3199



10.9279, 0.5430, 0.2765



0.9800, 0.5094, 0.2580

Inverse Universe

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



64.4861, 0.3374, 0.3092



64.7917, 0.3439, 0.3049



81.4912, 0.2825, 0.3236



16.5889, 0.3233, 0.3199



10.9279, 0.5430, 0.2765



0.9800, 0.5094, 0.2580

Previews

White Background



This preview shows how the Yxy color 64.4832, 0.3374, 0.3092 looks on a white background.

Color Contrast Check

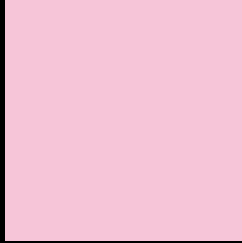
Large Text (above 18pt) WCAG AA × Fail

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 64.4832, 0.3374, 0.3092 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 64.4832, 0.3374, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 64.4832, 0.3374, 0.3092.

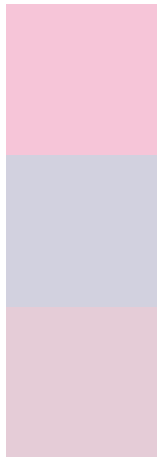


This preview shows how white text looks on a background with the Yxy color 64.4832, 0.3374, 0.3092.

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

64.4832, 0.3374, 0.3092

Protanopia

64.6303, 0.3039, 0.3133

Deuteranopia

64.7500, 0.3240, 0.3171



Tritanopia

64.7851, 0.3396, 0.3133

Trichromacy



Original Color

64.4832, 0.3374, 0.3092

Protanomaly

64.5179, 0.3158, 0.3125

Deuteranomaly

64.3418, 0.3290, 0.3140

Tritanomaly

64.8360, 0.3388, 0.3123

Monochromacy



Original Color

64.4832, 0.3374, 0.3092

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.1868, 0.3214, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4832, 0.3374, 0.3092 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(246, 197, 216)` looks like.

```
.text, #text, p{  
    color:rgb(246, 197, 216)  
}
```

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(246, 197, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 197, 216) }
```

Border

The CSS property to change the border of an element to Yxy 64.4832, 0.3374, 0.3092 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(246, 197, 216) }
```

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

```
.border{ border-color:rgb(246, 197, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 197, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 197, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 197, 216); box-shadow:4px 4px 4px 4px rgb(246, 197, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4832, 0.3374, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 197, 216) }
```

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

```
.background{ background-color: rgb(246,  
197, 216) }
```

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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