

Converting Colors

Yxy(64.1428, 0.3426, 0.3095)

Have a look what the booklet for
Yxy(64.1428, 0.3426, 0.3095)
contains.

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Color

Yxy(64.2092, 0.3425, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	FAC3D6
RGB	250, 195, 214
RGB Percent	98%, 76%, 84%
CMY	0.0195, 0.2353, 0.1609
CMYK	0.00, 0.22, 0.14, 0.02
HSL	339°, 85%, 87%
HSV	339°, 22%, 98%
XYZ	71.0784, 64.2092, 72.2405
YIQ	213.6110, 26.6810, 17.5690

Conversions

Conversions Part 2

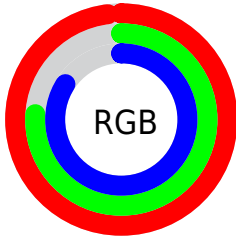
Format	Color
R _Y B	250, 195, 214
Decimal	16434134
CIE Lab	84.07, 22.48, -1.89
CIE LCh	84, 22.564, 355.185
Yxy	64.2092, 0.3425, 0.3094
Android (android.graphics.Color)	4294624214 (0xFFFA3D6)
YUV	213.6110, 0.1918, 31.9132
Hunter-Lab	80.1306, 18.1064, 2.6395

Details

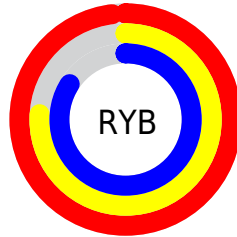
The Yxy color **64.2092, 0.3425, 0.3094** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.7591, 0.2899, 0.3496**, and the grayscale version is **66.9569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **32.8904, 0.3503, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **53.1350, 0.3610, 0.3000**, and if you desaturate by 10%, it is **77.2491, 0.3273, 0.3186**.

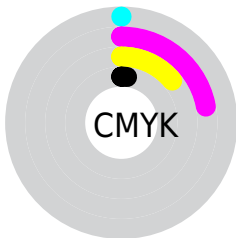
Distribution



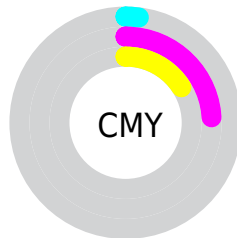
- Red (98%)
- Green (76%)
- Blue (84%)



- Red (98%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (22%)
- Yellow (14%)
- Black (2%)




- Cyan (2%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2092, 0.3425, 0.3094 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 64.2092, 0.3425, 0.3094 by changing the saturation by 10% instead.


 64.2092, 0.3425,
0.3094

 64.2092, 0.3425,
0.3094


439.9447, 0.3284,
0.3186

 46.8201, 0.3458,
0.3073


 110.9122, 0.3376,
0.3126

 32.8935, 0.3499,
0.3046

140.9949, 0.3357,
0.3139

 22.0449, 0.3551,
0.3012


176.0775, 0.3340,
0.3149

 13.8899, 0.3621,
0.2967

216.5446, 0.3326,
0.3159

 8.0441, 0.3718,
0.2906

262.7805, 0.3314,
0.3167

 4.1232, 0.3862,
0.2815


315.1695, 0.3303,

 1.7427, 0.4097,

0.3174

0.2668


374.0961, 0.3293,
0.3180

 0.4511, 0.4783,
0.2190


 0.0000, 0.0000,
0.0000


 64.2092, 0.3425,
0.3094


 64.2092, 0.3425,
0.3094

 53.1350, 0.3610,
0.3000


 77.2491, 0.3273,
0.3186

 43.9221, 0.3833,
0.2907

 92.3353, 0.3149,
0.3273

 36.4694, 0.4098,
0.2824

 99.0678, 0.3096,
0.3290

 30.6626, 0.4402,
0.2760

■ 26.3740, 0.4736,
0.2728

■ 23.4566, 0.5081,
0.2740

■ 21.7336, 0.5410,
0.2803

■ 21.0024, 0.5644,
0.2883

Harmonies

Analogous

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



64.2092, 0.3144, 0.2916



64.2092, 0.3425, 0.3094



64.2092, 0.3629, 0.3323

Triad

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



64.2092, 0.3425, 0.3094



64.2092, 0.3372, 0.3796



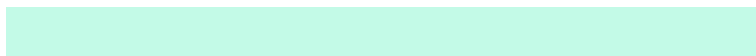
64.2092, 0.2593, 0.2988

Complementary

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



64.2092, 0.3425, 0.3094



85.7591, 0.2899, 0.3496

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.



64.2092, 0.2649, 0.3223



64.2092, 0.3425, 0.3094



64.2092, 0.3091, 0.3709

Square

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



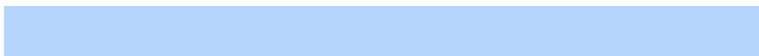
64.2092, 0.3425, 0.3094



64.2092, 0.3594, 0.3732



64.2092, 0.2827, 0.3493



64.2092, 0.2672, 0.2849

Rectangle

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



64.2092, 0.3425, 0.3094



64.2092, 0.3688, 0.3481



64.2092, 0.2827, 0.3493



64.2092, 0.2597, 0.3058

Sweetspot

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



64.2121, 0.3425, 0.3094



88.4046, 0.3208, 0.3230



62.8842, 0.3009, 0.2717



18.7191, 0.3215, 0.3225



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

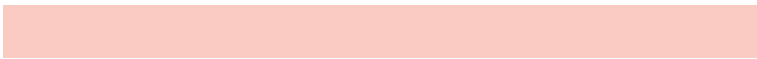
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.2121, 0.3425, 0.3094



62.2570, 0.3495, 0.3056



67.1003, 0.3559, 0.3378



17.3240, 0.3240, 0.3209



11.1625, 0.5602, 0.2859



1.0529, 0.5270, 0.2677

Inverse Universe

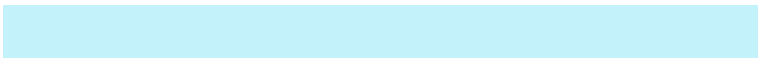
The Inverse Universe completely reimagines the original color for something new.



64.2121, 0.3425, 0.3094



62.2570, 0.3495, 0.3056



81.8718, 0.2793, 0.3200



17.3240, 0.3240, 0.3209



11.1625, 0.5602, 0.2859



1.0529, 0.5270, 0.2677

Previews

White Background



This preview shows how the Yxy color 64.2092, 0.3425, 0.3094 looks on a white background.

Color Contrast Check

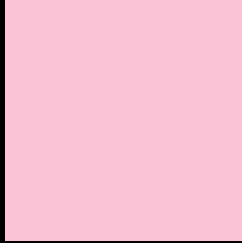
Large Text (above 18pt) WCAG AA × Fail

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 64.2092, 0.3425, 0.3094 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 64.2092, 0.3425, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 64.2092, 0.3425, 0.3094.



This preview shows how white text looks on a background with the Yxy color 64.2092, 0.3425, 0.3094.

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

64.2092, 0.3425, 0.3094

Protanopia

64.5765, 0.3046, 0.3144

Deuteranopia

64.1234, 0.3263, 0.3192



Tritanopia

64.5070, 0.3447, 0.3135

Trichromacy



Original Color

64.2092, 0.3425, 0.3094

Protanomaly

64.3078, 0.3181, 0.3126

Deuteranomaly

64.1172, 0.3322, 0.3151

Tritanomaly

64.5573, 0.3439, 0.3125

Monochromacy



Original Color

64.2092, 0.3425, 0.3094

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

65.8116, 0.3229, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2092, 0.3425, 0.3094 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(250, 195, 214)` looks like.

```
.text, #text, p{  
    color:rgb(250, 195, 214)  
}
```

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(250, 195, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 195, 214) }
```

Border

The CSS property to change the border of an element to Yxy 64.2092, 0.3425, 0.3094 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(250, 195, 214) }
```

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

```
.border{ border-color:rgb(250, 195, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 195, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 195, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 195, 214);  
box-shadow:4px 4px 4px 4px rgb(250, 195,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2092, 0.3425, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 195, 214) }
```

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

```
.background{ background-color: rgb(250,  
195, 214) }
```

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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