

Converting Colors

$Y_{xy}(65.6238, 0.3430, 0.3075)$

Have a look what the booklet for
Yxy(65.6238, 0.3430, 0.3075)
contains.

Yxy(65.5604, 0.3431, 0.3076)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.5604, 0.3431, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	FEC4D9
RGB	254, 196, 217
RGB Percent	100%, 77%, 85%
CMY	0.0041, 0.2313, 0.1490
CMYK	0.00, 0.23, 0.15, 0.00
HSL	338°, 97%, 88%
HSV	338°, 23%, 100%
XYZ	73.1267, 65.5604, 74.4481
YIQ	215.7360, 27.8270, 18.8270

Conversions

Conversions Part 2

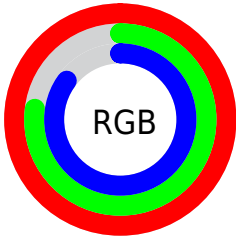
Format	Color
RYB	254, 196, 217
Decimal	16696537
CIELab	84.77, 23.80, -2.45
CIElCh	85, 23.924, 354.119
Yxy	65.5604, 0.3431, 0.3076
Android (android.graphics.Color)	4294886617 (0xFFFE4D9)
YUV	215.7360, 0.6232, 33.5575
Hunter-Lab	80.9694, 19.5141, 2.1638

Details

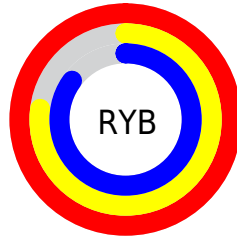
The Yxy color $65.5604, 0.3431, 0.3076$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.4792, 0.2897, 0.3515$, and the grayscale version is $68.4623, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7306, 0.3128, 0.3271$, and $33.8250, 0.3512, 0.3028$ is the 20% darker color. If you saturate the color by 10%, you get $54.2562, 0.3614, 0.2977$, and if you desaturate by 10%, it is $78.8924, 0.3281, 0.3173$.

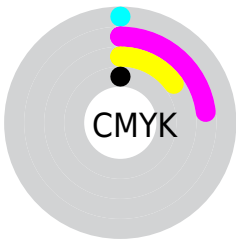
Distribution



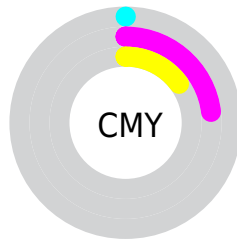
- Red (100%)
- Green (77%)
- Blue (85%)



- Red (100%)
- Yellow (77%)
- Blue (85%)



- Cyan (0%)
- Magenta (23%)
- Yellow (15%)
- Black (0%)




- Cyan (0%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5604, 0.3431, 0.3076 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 65.5604, 0.3431, 0.3076 by changing the saturation by 10% instead.


 65.5604, 0.3431,
0.3076

 65.5604, 0.3431,
0.3076


444.8031, 0.3288,
0.3176

 47.9156, 0.3464,
0.3053


 112.8552, 0.3381,
0.3111

 33.7601, 0.3505,
0.3024


143.2739, 0.3362,
0.3124

 22.7093, 0.3558,
0.2988


178.7195, 0.3345,
0.3136

 14.3790, 0.3628,
0.2940

219.5763, 0.3331,
0.3146

 8.3848, 0.3724,
0.2875

266.2286, 0.3318,
0.3155

 4.3421, 0.3867,
0.2779


319.0609, 0.3307,

 1.8667, 0.4097,

0.3163

0.2627

378.4576, 0.3297,
0.3170


 0.5283, 0.4647,
0.2218


 0.0000, 1.0000,
0.0000


 65.5604, 0.3431,
0.3076


 65.5604, 0.3431,
0.3076

 54.2562, 0.3614,
0.2977

 78.8924, 0.3281,
0.3173

 44.8709, 0.3834,
0.2880

 94.3362, 0.3158,
0.3265

 37.2989, 0.4094,
0.2793

99.8034, 0.3121,
0.3290

 31.4208, 0.4391,
0.2727

■ 27.1027, 0.4717,
0.2695

■ 24.1900, 0.5052,
0.2708

■ 22.4957, 0.5371,
0.2774

■ 21.8356, 0.5579,
0.2847

Harmonies

Analogous

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



65.5604, 0.3133, 0.2892



65.5604, 0.3431, 0.3076



65.5604, 0.3651, 0.3315

Triad

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



65.5604, 0.3431, 0.3076



65.5604, 0.3394, 0.3823



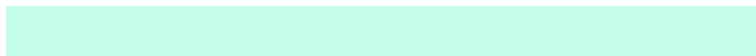
65.5604, 0.2566, 0.2979

Complementary

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



65.5604, 0.3431, 0.3076



88.4792, 0.2897, 0.3515

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.



65.5604, 0.2629, 0.3229



65.5604, 0.3431, 0.3076



65.5604, 0.3099, 0.3739

Square

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



65.5604, 0.3431, 0.3076



65.5604, 0.3625, 0.3750



65.5604, 0.2820, 0.3514



65.5604, 0.2644, 0.2829

Rectangle

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



65.5604, 0.3431, 0.3076



65.5604, 0.3717, 0.3481



65.5604, 0.2820, 0.3514



65.5604, 0.2571, 0.3053

Sweetspot

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



65.5634, 0.3431, 0.3076



88.4235, 0.3206, 0.3227



63.9192, 0.2997, 0.2693



18.7234, 0.3213, 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.



65.5634, 0.3431, 0.3076



61.1484, 0.3503, 0.3034



68.1157, 0.3581, 0.3371



18.0958, 0.3237, 0.3204



11.5417, 0.5536, 0.2823



1.1438, 0.5223, 0.2651

Inverse Universe

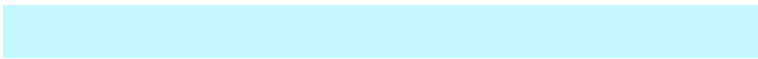
The Inverse Universe completely reimagines the original color for something new.



65.5634, 0.3431, 0.3076



61.1484, 0.3503, 0.3034



84.9468, 0.2782, 0.3207



18.0958, 0.3237, 0.3204



11.5417, 0.5536, 0.2823



1.1438, 0.5223, 0.2651

Previews

White Background



This preview shows how the Yxy color 65.5604, 0.3431, 0.3076 looks on a white background.

Color Contrast Check

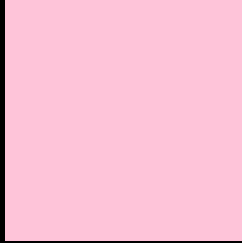
Large Text (above 18pt) WCAG AA × Fail

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 65.5604, 0.3431, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

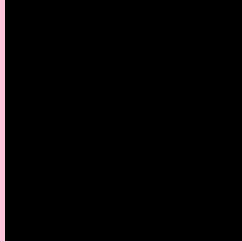
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5604, 0.3431, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 65.5604, 0.3431, 0.3076.

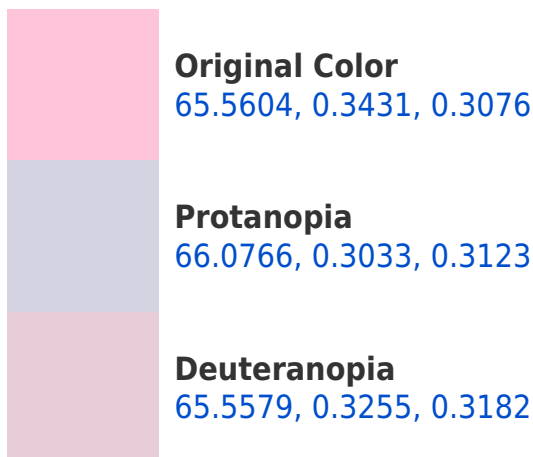


This preview shows how white text looks on a background with the Yxy color 65.5604, 0.3431, 0.3076.

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





Tritanopia

65.5686, 0.3461, 0.3136

Trichromacy



Original Color

65.5604, 0.3431, 0.3076

Protanomaly

65.8012, 0.3166, 0.3106

Deuteranomaly

65.5496, 0.3313, 0.3142

Tritanomaly

65.6702, 0.3445, 0.3116

Monochromacy



Original Color

65.5604, 0.3431, 0.3076

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.3818, 0.3236, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5604, 0.3431, 0.3076 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, 196, 217)` looks like.

```
.text, #text, p{  
    color:rgb(254, 196, 217)  
}
```

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, 196, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 196, 217) }
```

Border

The CSS property to change the border of an element to Yxy 65.5604, 0.3431, 0.3076 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, 196, 217) }
```

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

```
.border{ border-color:rgb(254, 196, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 196, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 196, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 196, 217);  
box-shadow:4px 4px 4px 4px rgb(254, 196,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5604, 0.3431, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 196, 217) }
```

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

```
.background{ background-color: rgb(254,  
196, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor