

Converting Colors

$Y_{xy}(65.8184, 0.3287, 0.2974)$

Have a look what the booklet for
Yxy(65.8184, 0.3287, 0.2974)
contains.

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Color

Yxy(65.8195, 0.3282, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	F7C6E5
RGB	247, 198, 229
RGB Percent	97%, 78%, 90%
CMY	0.0312, 0.2236, 0.1019
CMYK	0.00, 0.20, 0.07, 0.03
HSL	322°, 76%, 87%
HSV	322°, 20%, 97%
XYZ	72.7094, 65.8195, 83.0110
YIQ	216.1850, 19.2530, 20.0290

Conversions

Conversions Part 2

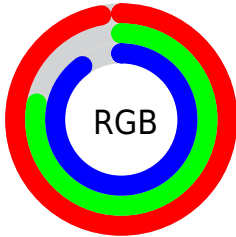
Format	Color
R _Y B	247, 198, 229
Decimal	16238309
CIE Lab	84.90, 22.35, -8.73
CIE LCh	85, 23.999, 338.658
Yxy	65.8195, 0.3282, 0.2971
Android (android.graphics.Color)	4294428389 (0xFFFF7C6E5)
YUV	216.1850, 6.3178, 27.0248
Hunter-Lab	81.1292, 17.9986, -3.8748

Details

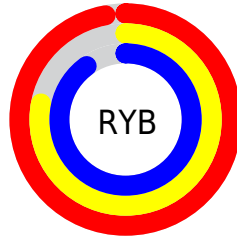
The Yxy color $65.8195, 0.3282, 0.2971$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $83.5155, 0.2999, 0.3632$, and the grayscale version is $68.7529, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.9497, 0.3311, 0.2893$ is the 20% darker color. If you saturate the color by 10%, you get $54.9416, 0.3382, 0.2803$, and if you desaturate by 10%, it is $78.5717, 0.3197, 0.3135$.

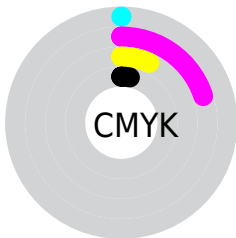
Distribution



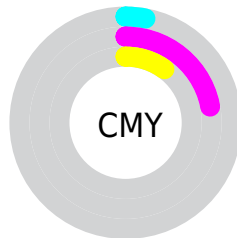
- Red (97%)
- Green (78%)
- Blue (90%)



- Red (97%)
- Yellow (78%)
- Blue (90%)



- Cyan (0%)
- Magenta (20%)
- Yellow (7%)
- Black (3%)





- Cyan (3%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8195, 0.3282, 0.2971 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 65.8195, 0.3282, 0.2971 by changing the saturation by 10% instead.

 65.8195, 0.3282,
0.2971

 65.8195, 0.3282,
0.2971

445.7311, 0.3211,
0.3117

 48.1259, 0.3298,
0.2938


113.2272, 0.3257,
0.3022

 33.9266, 0.3318,
0.2897


143.7101, 0.3248,
0.3041

 22.8372, 0.3343,
0.2846


179.2249, 0.3240,
0.3058

 14.4734, 0.3375,
0.2779

220.1560, 0.3232,
0.3073

 8.4506, 0.3419,
0.2689

266.8878, 0.3226,
0.3086

 4.3846, 0.3482,
0.2561


319.8046, 0.3221,

 1.8910, 0.3578,


0.3098


0.2364

379.2909, 0.3216,
0.3108


 0.5429, 0.3800,
0.1908

 0.0000, 1.0000,
0.0000


 65.8195, 0.3282,
0.2971


 65.8195, 0.3282,
0.2971


 54.9416, 0.3382,
0.2803

 78.5717, 0.3197,
0.3135

 45.8396, 0.3498,
0.2637

 93.2729, 0.3126,
0.3292

 38.4194, 0.3630,
0.2482

 98.5235, 0.3078,
0.3290

 32.5746, 0.3778,
0.2347

■ 28.1868, 0.3938,
0.2244

■ 25.1203, 0.4104,
0.2184

■ 23.2137, 0.4271,
0.2176

■ 22.2036, 0.4433,
0.2216

■ 22.1919, 0.4436,
0.2217

Harmonies

Analogous

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



65.8195, 0.2979, 0.2831



65.8195, 0.3282, 0.2971



65.8195, 0.3553, 0.3188

Triad

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



65.8195, 0.3282, 0.2971



65.8195, 0.3527, 0.3805



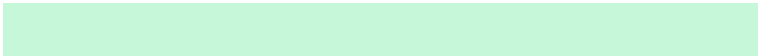
65.8195, 0.2580, 0.3098

Complementary

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



65.8195, 0.3282, 0.2971



83.5155, 0.2999, 0.3632

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.



65.8195, 0.2712, 0.3377



65.8195, 0.3282, 0.2971



65.8195, 0.3254, 0.3804

Square

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



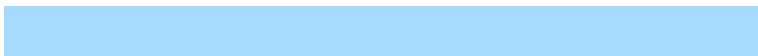
65.8195, 0.3282, 0.2971



65.8195, 0.3696, 0.3663



65.8195, 0.2956, 0.3644



65.8195, 0.2585, 0.2891

Rectangle

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



65.8195, 0.3282, 0.2971



65.8195, 0.3673, 0.3353



65.8195, 0.2956, 0.3644



65.8195, 0.2609, 0.3186

Sweetspot

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



65.8224, 0.3282, 0.2971



90.2667, 0.3168, 0.3197



61.6947, 0.2922, 0.2760



19.1040, 0.3173, 0.3186



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.



65.8224, 0.3282, 0.2971



65.6095, 0.3322, 0.2901



64.5494, 0.3471, 0.3222



16.6589, 0.3194, 0.3141



11.7594, 0.4410, 0.2203



1.0533, 0.4219, 0.2098

Inverse Universe

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



65.8224, 0.3282, 0.2971



65.6095, 0.3322, 0.2901



84.8782, 0.2864, 0.3360



16.6589, 0.3194, 0.3141



11.7594, 0.4410, 0.2203



1.0533, 0.4219, 0.2098

Previews

White Background



This preview shows how the Yxy color 65.8195, 0.3282, 0.2971 looks on a white background.

Color Contrast Check

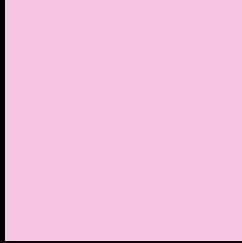
Large Text (above 18pt) WCAG AA × Fail

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 65.8195, 0.3282, 0.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

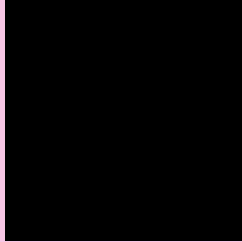
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.8195, 0.3282, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 65.8195, 0.3282, 0.2971.



This preview shows how white text looks on a background with the Yxy color 65.8195, 0.3282, 0.2971.

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

65.8195, 0.3282, 0.2971

Protanopia

66.2583, 0.2941, 0.3003

Deuteranopia

65.8574, 0.3130, 0.3063



Tritanopia

65.6789, 0.3362, 0.3123

Trichromacy



Original Color

65.8195, 0.3282, 0.2971

Protanomaly

65.7711, 0.3060, 0.2988

Deuteranomaly

65.8057, 0.3185, 0.3025

Tritanomaly

65.6601, 0.3333, 0.3062

Monochromacy



Original Color

65.8195, 0.3282, 0.2971

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.1523, 0.3178, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8195, 0.3282, 0.2971 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(247, 198, 229)` looks like.

```
.text, #text, p{  
    color:rgb(247, 198, 229)  
}
```

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(247, 198, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 198, 229) }
```

Border

The CSS property to change the border of an element to Yxy 65.8195, 0.3282, 0.2971 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(247, 198, 229) }
```

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

```
.border{ border-color:rgb(247, 198, 229) }
```

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

Here you see how a box with a 4 pixel rgb(247, 198, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 198, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 198, 229);  
box-shadow:4px 4px 4px 4px rgb(247, 198,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8195, 0.3282, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 198, 229) }
```

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

```
.background{ background-color: rgb(247,  
198, 229) }
```

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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