

Converting Colors

$Y_{xy}(65.0776, 0.3281, 0.2980)$

Have a look what the booklet for
Yxy(65.0776, 0.3281, 0.2980)
contains.

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Color

Yxy(64.8910, 0.3282, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	F5C5E3
RGB	245, 197, 227
RGB Percent	96%, 77%, 89%
CMY	0.0392, 0.2274, 0.1097
CMYK	0.00, 0.20, 0.07, 0.04
HSL	322°, 71%, 87%
HSV	322°, 20%, 96%
XYZ	71.4912, 64.8910, 81.4459
YIQ	214.7720, 18.9780, 19.5060

Conversions

Conversions Part 2

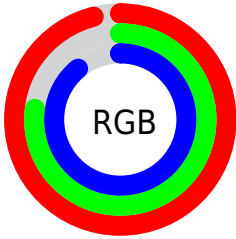
Format	Color
R _Y B	245, 197, 227
Decimal	16106979
CIE Lab	84.43, 21.84, -8.40
CIE LCh	84, 23.400, 338.961
Yxy	64.8910, 0.3282, 0.2979
Android (android.graphics.Color)	4294297059 (0xFFFF5C5E3)
YUV	214.7720, 6.0284, 26.5100
Hunter-Lab	80.5550, 17.4446, -3.5573

Details

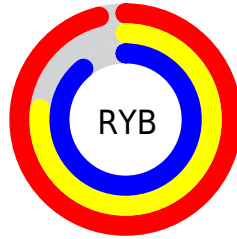
The Yxy color **64.8910, 0.3282, 0.2979** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.0844, 0.2999, 0.3623**, and the grayscale version is **67.7443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **33.3148, 0.3311, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **54.1633, 0.3383, 0.2813**, and if you desaturate by 10%, it is **77.4596, 0.3196, 0.3141**.

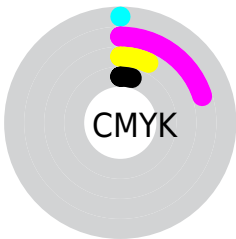
Distribution



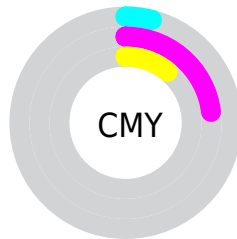
- Red (96%)
- Green (77%)
- Blue (89%)



- Red (96%)
- Yellow (77%)
- Blue (89%)



- Cyan (0%)
- Magenta (20%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8910, 0.3282, 0.2979 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 64.8910, 0.3282, 0.2979 by changing the saturation by 10% instead.

 64.8910, 0.3282,
0.2979

 64.8910, 0.3282,
0.2979

442.4002, 0.3211,
0.3122

 47.3727, 0.3298,
0.2947


111.8931, 0.3257,
0.3029

 33.3304, 0.3318,
0.2906


142.1458, 0.3248,
0.3048

 22.3797, 0.3343,
0.2856


177.4119, 0.3239,
0.3064

 14.1361, 0.3376,
0.2790

218.0761, 0.3232,
0.3079

 8.2154, 0.3421,
0.2701

264.5226, 0.3226,
0.3092

 4.2331, 0.3485,
0.2573


317.1358, 0.3220,

 1.8048, 0.3585,


0.3103


0.2376


376.3002, 0.3215,
0.3113


 0.4902, 0.3838,
0.1865


 0.0000, 0.0000,
0.0000

 64.8910, 0.3282,
0.2979


 64.8910, 0.3282,
0.2979


 54.1633, 0.3383,
0.2813


 77.4596, 0.3196,
0.3141


 45.1803, 0.3501,
0.2649

 91.9423, 0.3124,
0.3296

 37.8499, 0.3636,
0.2494

 98.1251, 0.3068,
0.3294

 32.0683, 0.3786,
0.2360

 98.1536, 0.3066,
0.3290

■ 27.7195, 0.3949,
0.2257

■ 24.6713, 0.4120,
0.2198

■ 22.7666, 0.4291,
0.2190

■ 21.7549, 0.4457,
0.2231

■ 21.7209, 0.4464,
0.2233

Harmonies

Analogous

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



64.8910, 0.2985, 0.2841



64.8910, 0.3282, 0.2979



64.8910, 0.3547, 0.3192

Triad

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



64.8910, 0.3282, 0.2979



64.8910, 0.3517, 0.3795



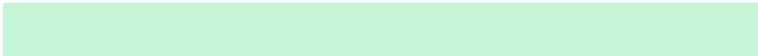
64.8910, 0.2590, 0.3100

Complementary

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



64.8910, 0.3282, 0.2979



82.0844, 0.2999, 0.3623

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.



64.8910, 0.2719, 0.3372



64.8910, 0.3282, 0.2979



64.8910, 0.3249, 0.3792

Square

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



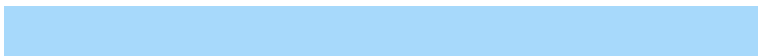
64.8910, 0.3282, 0.2979



64.8910, 0.3684, 0.3658



64.8910, 0.2957, 0.3634



64.8910, 0.2597, 0.2898

Rectangle

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



64.8910, 0.3282, 0.2979



64.8910, 0.3663, 0.3355



64.8910, 0.2957, 0.3634



64.8910, 0.2619, 0.3186

Sweetspot

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



64.8939, 0.3282, 0.2979



90.2600, 0.3169, 0.3198



60.9130, 0.2925, 0.2768



19.1024, 0.3174, 0.3187



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.



64.8939, 0.3282, 0.2979



65.5850, 0.3325, 0.2905



63.6775, 0.3465, 0.3223



16.6569, 0.3196, 0.3143



11.7286, 0.4438, 0.2218



1.0507, 0.4242, 0.2111

Inverse Universe

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



64.8939, 0.3282, 0.2979



65.5850, 0.3325, 0.2905



83.3876, 0.2868, 0.3358



16.6569, 0.3196, 0.3143



11.7286, 0.4438, 0.2218



1.0507, 0.4242, 0.2111

Previews

White Background



This preview shows how the Yxy color 64.8910, 0.3282, 0.2979 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 64.8910, 0.3282, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

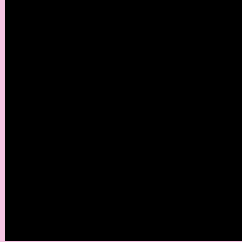
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.8910, 0.3282, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 64.8910, 0.3282, 0.2979.



This preview shows how white text looks on a background with the Yxy color 64.8910, 0.3282, 0.2979.

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

64.8910, 0.3282, 0.2979

Protanopia

65.0090, 0.2946, 0.3001

Deuteranopia

65.1612, 0.3130, 0.3062



Tritanopia

64.8078, 0.3355, 0.3122

Trichromacy



Original Color

64.8910, 0.3282, 0.2979

Protanomaly

64.8610, 0.3059, 0.2997

Deuteranomaly

64.8879, 0.3185, 0.3034

Tritanomaly

64.7357, 0.3334, 0.3070

Monochromacy



Original Color

64.8910, 0.3282, 0.2979

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.3950, 0.3185, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8910, 0.3282, 0.2979 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(245, 197, 227)` looks like.

```
.text, #text, p{  
    color:rgb(245, 197, 227)  
}
```

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(245, 197, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 197, 227) }
```

Border

The CSS property to change the border of an element to Yxy 64.8910, 0.3282, 0.2979 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(245, 197, 227) }
```

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

```
.border{ border-color:rgb(245, 197, 227) }
```

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

Here you see how a box with a 4 pixel rgb(245, 197, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 197, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 197, 227);  
box-shadow:4px 4px 4px 4px rgb(245, 197,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8910, 0.3282, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 197, 227) }
```

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

```
.background{ background-color: rgb(245,  
197, 227) }
```

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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