

Converting Colors

$Yxy(64.0703, 0.3237, 0.2936)$

Have a look what the booklet for
Yxy(64.0703, 0.3237, 0.2936)
contains.

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Color

Yxy(64.0703, 0.3237, 0.2936)

Conversions

Conversions Part 1

Format	Color
Hex	F2C4E6
RGB	242, 196, 230
RGB Percent	95%, 77%, 90%
CMY	0.0510, 0.2313, 0.0980
CMYK	0.00, 0.19, 0.05, 0.05
HSL	316°, 64%, 86%
HSV	316°, 19%, 95%
XYZ	70.6388, 64.0703, 83.5140
YIQ	213.6300, 16.5020, 20.3260

Conversions

Conversions Part 2

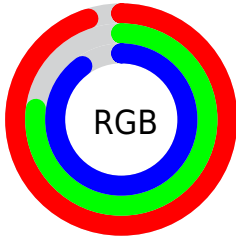
Format	Color
R _Y B	242, 196, 230
Decimal	15910118
CIE Lab	84.00, 21.86, -10.66
CIE LCh	84, 24.318, 334.007
Yxy	64.0703, 0.3237, 0.2936
Android (android.graphics.Color)	4294100198 (0xFFFF2C4E6)
YUV	213.6300, 8.0704, 24.8805
Hunter-Lab	80.0439, 17.4495, -5.8296

Details

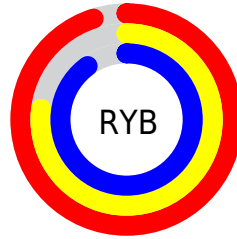
The Yxy color **64.0703, 0.3237, 0.2936** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.7882, 0.3033, 0.3672**, and the grayscale version is **66.9216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **32.8411, 0.3272, 0.2861** is the 20% darker color. If you saturate the color by 10%, you get **53.6742, 0.3309, 0.2743**, and if you desaturate by 10%, it is **76.2455, 0.3175, 0.3126**.

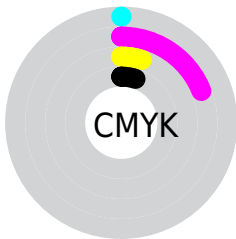
Distribution



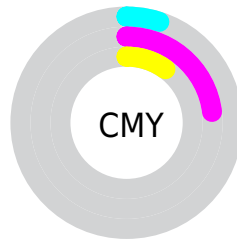
- Red (95%)
- Green (77%)
- Blue (90%)



- Red (95%)
- Yellow (77%)
- Blue (90%)



- Cyan (0%)
- Magenta (19%)
- Yellow (5%)
- Black (5%)





- Cyan (5%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0703, 0.3237, 0.2936 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 64.0703, 0.3237, 0.2936 by changing the saturation by 10% instead.

 64.0703, 0.3237,
0.2936

 64.0703, 0.3237,
0.2936

439.4435, 0.3187,
0.3099

 46.7076, 0.3248,
0.2899


110.7122, 0.3220,
0.2992

 32.8046, 0.3262,
0.2854


140.7602, 0.3213,
0.3014

 21.9768, 0.3279,
0.2797


175.8053, 0.3208,
0.3033

 13.8398, 0.3300,
0.2722

216.2322, 0.3202,
0.3050

 8.0094, 0.3329,
0.2622

262.4250, 0.3198,
0.3064

 4.1009, 0.3370,
0.2478

314.7682, 0.3194,

 1.7302, 0.3429,

0.3077

0.2258

373.6462, 0.3191,
0.3088

0.4431, 0.3615,
0.1669

0.0000, 0.0000,
0.0000

64.0703, 0.3237,
0.2936

64.0703, 0.3237,
0.2936

53.6742, 0.3309,
0.2743

76.2455, 0.3175,
0.3126

44.9642, 0.3391,
0.2553

90.2700, 0.3122,
0.3308

37.8519, 0.3482,
0.2374

97.2300, 0.3082,
0.3349

32.2374, 0.3582,
0.2217

97.6153, 0.3047,
0.3290

■ 28.0094, 0.3687,
0.2092

■ 25.0410, 0.3796,
0.2008

■ 23.1820, 0.3903,
0.1973

■ 22.2060, 0.4006,
0.1984

■ 22.1280, 0.4016,
0.1986

Harmonies

Analogous

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



64.0703, 0.2930, 0.2809



64.0703, 0.3237, 0.2936



64.0703, 0.3526, 0.3148

Triad

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



64.0703, 0.3237, 0.2936



64.0703, 0.3571, 0.3802



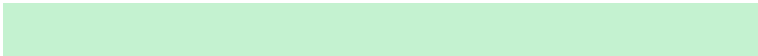
64.0703, 0.2580, 0.3134

Complementary

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



64.0703, 0.3237, 0.2936



79.7882, 0.3033, 0.3672

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.



64.0703, 0.2736, 0.3424



64.0703, 0.3237, 0.2936



64.0703, 0.3304, 0.3827

Square

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



64.0703, 0.3237, 0.2936



64.0703, 0.3722, 0.3639



64.0703, 0.2998, 0.3687



64.0703, 0.2564, 0.2908

Rectangle

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



64.0703, 0.3237, 0.2936



64.0703, 0.3663, 0.3314



64.0703, 0.2998, 0.3687



64.0703, 0.2618, 0.3228

Sweetspot

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



64.0731, 0.3237, 0.2936



90.3696, 0.3158, 0.3181



59.2323, 0.2893, 0.2780



19.1284, 0.3162, 0.3169



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.



64.0731, 0.3237, 0.2936



67.1727, 0.3265, 0.2858



62.8890, 0.3410, 0.3168



15.9570, 0.3178, 0.3117



11.9121, 0.4000, 0.1977



1.0071, 0.3872, 0.1907

Inverse Universe

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



64.0731, 0.3237, 0.2936



67.1727, 0.3265, 0.2858



80.9757, 0.2905, 0.3416



15.9570, 0.3178, 0.3117



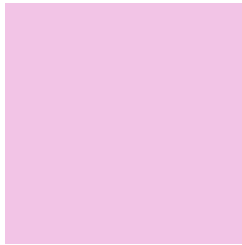
11.9121, 0.4000, 0.1977



1.0071, 0.3872, 0.1907

Previews

White Background



This preview shows how the Yxy color 64.0703, 0.3237, 0.2936 looks on a white background.

Color Contrast Check

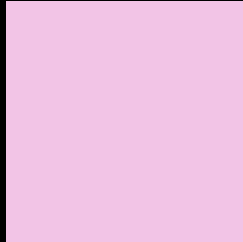
Large Text (above 18pt) WCAG AA × Fail

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 64.0703, 0.3237, 0.2936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

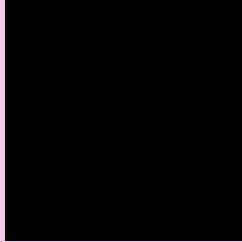
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0703, 0.3237, 0.2936

Background



This preview shows how black text looks on a background with the Yxy color 64.0703, 0.3237, 0.2936.



This preview shows how white text looks on a background with the Yxy color 64.0703, 0.3237, 0.2936.

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

64.0703, 0.3237, 0.2936

Protanopia

64.2639, 0.2906, 0.2956

Deuteranopia

64.2150, 0.3080, 0.3017



Tritanopia

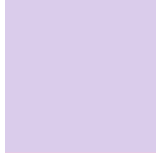
64.2272, 0.3339, 0.3131

Trichromacy



Original Color

64.0703, 0.3237, 0.2936



Protanomaly

64.0893, 0.3017, 0.2952



Deuteranomaly

64.0884, 0.3141, 0.2989



Tritanomaly

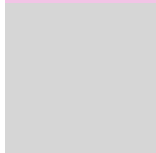
64.2562, 0.3303, 0.3058

Monochromacy



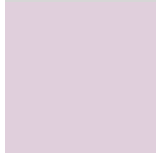
Original Color

64.0703, 0.3237, 0.2936



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.6402, 0.3164, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0703, 0.3237, 0.2936 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(242, 196, 230)` looks like.

```
.text, #text, p{  
    color:rgb(242, 196, 230)  
}
```

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(242, 196, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 196, 230) }
```

Border

The CSS property to change the border of an element to Yxy 64.0703, 0.3237, 0.2936 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(242, 196, 230) }
```

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

```
.border{ border-color:rgb(242, 196, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 196, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 196, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 196, 230);  
box-shadow:4px 4px 4px 4px rgb(242, 196,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0703, 0.3237, 0.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 196, 230) }
```

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

```
.background{ background-color: rgb(242,  
196, 230) }
```

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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