

Converting Colors

$Yxy(64.3994, 0.3215, 0.2906)$

Have a look what the booklet for
Yxy(64.3994, 0.3215, 0.2906)
contains.

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Color

Yxy(64.2403, 0.3215, 0.2906)

Conversions

Conversions Part 1

Format	Color
Hex	F2C4E9
RGB	242, 196, 233
RGB Percent	95%, 77%, 91%
CMY	0.0509, 0.2314, 0.0862
CMYK	0.00, 0.19, 0.04, 0.05
HSL	312°, 64%, 86%
HSV	312°, 19%, 95%
XYZ	71.0711, 64.2403, 85.7495
YIQ	213.9720, 15.5390, 21.2590

Conversions

Conversions Part 2

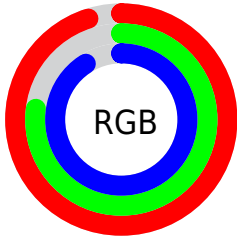
Format	Color
R_{YB}	242, 196, 233
Decimal	15910121
CIE _{Lab}	84.09, 22.40, -12.12
CIE _{LCh}	84, 25.470, 331.574
Yxy	64.2403, 0.3215, 0.2906
Android (android.graphics.Color)	4294100201 (0xFFFF2C4E9)
YUV	213.9720, 9.3808, 24.5806
Hunter-Lab	80.1500, 18.0179, -7.3271

Details

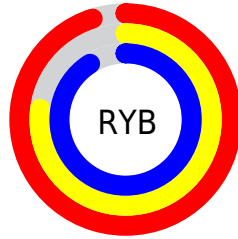
The Yxy color $64.2403, 0.3215, 0.2906$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $79.6592, 0.3050, 0.3707$, and the grayscale version is $67.1561, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7306, 0.3128, 0.3271$, and $32.9594, 0.3242, 0.2822$ is the 20% darker color. If you saturate the color by 10%, you get $53.9244, 0.3271, 0.2698$, and if you desaturate by 10%, it is $76.3301, 0.3166, 0.3111$.

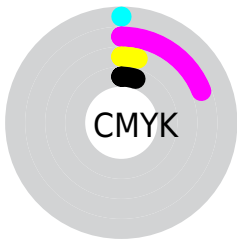
Distribution



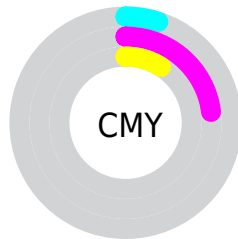
- Red (95%)
- Green (77%)
- Blue (91%)



- Red (95%)
- Yellow (77%)
- Blue (91%)



- Cyan (0%)
- Magenta (19%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2403, 0.3215, 0.2906 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 64.2403, 0.3215, 0.2906 by changing the saturation by 10% instead.


 64.2403, 0.3215,
0.2906

 64.2403, 0.3215,
0.2906


440.0569, 0.3176,
0.3082

 46.8453, 0.3223,
0.2866


 110.9569, 0.3202,
0.2967

 32.9134, 0.3234,
0.2817


141.0474, 0.3197,
0.2990

 22.0601, 0.3246,
0.2756


176.1385, 0.3192,
0.3011

 13.9011, 0.3262,
0.2676

216.6145, 0.3188,
0.3029

 8.0519, 0.3283,
0.2569

262.8600, 0.3185,
0.3044

 4.1282, 0.3311,
0.2417


315.2593, 0.3181,

 1.7455, 0.3349,


0.3058


0.2185


374.1968, 0.3179,
0.3071


 0.4529, 0.3480,
0.1601


 0.0000, 0.0000,
0.0000


 64.2403, 0.3215,
0.2906


 64.2403, 0.3215,
0.2906

 53.9244, 0.3271,
0.2698


 76.3301, 0.3166,
0.3111


 45.2896, 0.3334,
0.2494

 90.2639, 0.3123,
0.3309

 38.2475, 0.3404,
0.2304

 97.1298, 0.3091,
0.3366

 32.6981, 0.3478,
0.2136

 97.4265, 0.3065,
0.3319

■ 28.5302, 0.3555,
0.2001

■ 97.6206, 0.3048,
0.3290

■ 25.6169, 0.3633,
0.1908

■ 23.8080, 0.3708,
0.1862

■ 22.8769, 0.3780,
0.1859

■ 22.8040, 0.3787,
0.1860

Harmonies

Analogous

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



64.2403, 0.2897, 0.2782



64.2403, 0.3215, 0.2906



64.2403, 0.3523, 0.3121

Triad

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



64.2403, 0.3215, 0.2906



64.2403, 0.3610, 0.3816



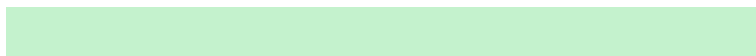
64.2403, 0.2564, 0.3149

Complementary

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



64.2403, 0.3215, 0.2906



79.6592, 0.3050, 0.3707

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.



64.2403, 0.2736, 0.3455



64.2403, 0.3215, 0.2906



64.2403, 0.3337, 0.3857

Square

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



64.2403, 0.3215, 0.2906



64.2403, 0.3755, 0.3636



64.2403, 0.3017, 0.3724



64.2403, 0.2534, 0.2905

Rectangle

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



64.2403, 0.3215, 0.2906



64.2403, 0.3674, 0.3293



64.2403, 0.3017, 0.3724



64.2403, 0.2607, 0.3249

Sweetspot

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



64.2431, 0.3215, 0.2906



90.4322, 0.3152, 0.3172



58.7898, 0.2871, 0.2776



19.1432, 0.3155, 0.3158



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.



64.2431, 0.3215, 0.2906



67.4002, 0.3237, 0.2822



63.0411, 0.3386, 0.3136



15.9752, 0.3168, 0.3102



12.2681, 0.3776, 0.1854



1.0340, 0.3687, 0.1805

Inverse Universe

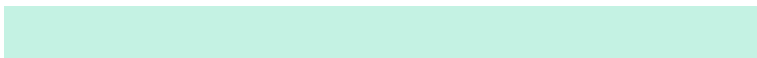
The Inverse Universe completely reimagines the original color for something new.



64.2431, 0.3215, 0.2906



67.4002, 0.3237, 0.2822



80.8217, 0.2922, 0.3450



15.9752, 0.3168, 0.3102



12.2681, 0.3776, 0.1854



1.0340, 0.3687, 0.1805

Previews

White Background



This preview shows how the Yxy color 64.2403, 0.3215, 0.2906 looks on a white background.

Color Contrast Check

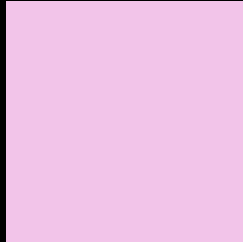
Large Text (above 18pt) WCAG AA × Fail

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 64.2403, 0.3215, 0.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

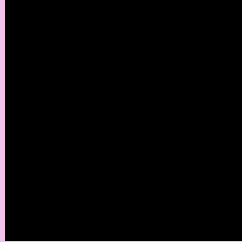
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.2403, 0.3215, 0.2906

Background



This preview shows how black text looks on a background with the Yxy color 64.2403, 0.3215, 0.2906.



This preview shows how white text looks on a background with the Yxy color 64.2403, 0.3215, 0.2906.

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

64.2403, 0.3215, 0.2906

Protanopia

64.3000, 0.2880, 0.2924

Deuteranopia

64.1709, 0.3059, 0.2995



Tritanopia

64.1039, 0.3324, 0.3120

Trichromacy



Original Color

64.2403, 0.3215, 0.2906

Protanomaly

64.2642, 0.2997, 0.2921

Deuteranomaly

64.0935, 0.3112, 0.2958

Tritanomaly

64.1874, 0.3280, 0.3037

Monochromacy



Original Color

64.2403, 0.3215, 0.2906

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

65.6934, 0.3157, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2403, 0.3215, 0.2906 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(242, 196, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 196, 233) }
```

Border

The CSS property to change the border of an element to Yxy 64.2403, 0.3215, 0.2906 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, 233) }
```

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

```
.border{ border-color:rgb(242, 196, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 196, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 196, 233);  
box-shadow:4px 4px 4px 4px rgb(242, 196,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2403, 0.3215, 0.2906 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, 233) }
```

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

```
.background{ background-color: rgb(242,  
196, 233) }
```

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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