

Converting Colors

Yxy(63.5168, 0.3240, 0.2926)

Have a look what the booklet for
Yxy(63.5168, 0.3240, 0.2926)
contains.

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Color

Yxy(63.6206, 0.3238, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	F2C3E6
RGB	242, 195, 230
RGB Percent	95%, 76%, 90%
CMY	0.0511, 0.2352, 0.0982
CMYK	0.00, 0.19, 0.05, 0.05
HSL	315°, 64%, 86%
HSV	315°, 19%, 95%
XYZ	70.4045, 63.6206, 83.4069
YIQ	213.0430, 16.7770, 20.8490

Conversions

Conversions Part 2

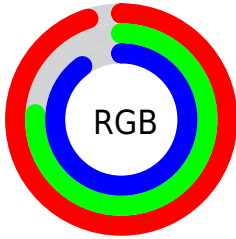
Format	Color
R _Y B	242, 195, 230
Decimal	15909862
CIE Lab	83.77, 22.37, -10.98
CIE LCh	84, 24.919, 333.847
Yxy	63.6206, 0.3238, 0.2926
Android (android.graphics.Color)	4294099942 (0xFFFF2C3E6)
YUV	213.0430, 8.3598, 25.3953
Hunter-Lab	79.7625, 17.9733, -6.1652

Details

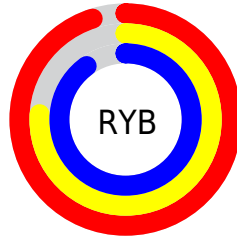
The Yxy color $63.6206, 0.3238, 0.2926$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $79.5985, 0.3032, 0.3684$, and the grayscale version is $66.5039, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $32.4200, 0.3263, 0.2845$ is the 20% darker color. If you saturate the color by 10%, you get $53.3016, 0.3309, 0.2732$, and if you desaturate by 10%, it is $75.7145, 0.3177, 0.3117$.

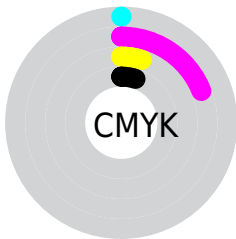
Distribution



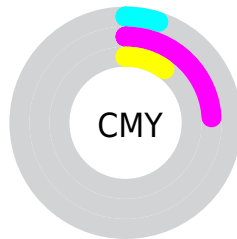
- Red (95%)
- Green (76%)
- Blue (90%)



- Red (95%)
- Yellow (76%)
- Blue (90%)



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





- Cyan (5%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6206, 0.3238, 0.2926 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 63.6206, 0.3238, 0.2926 by changing the saturation by 10% instead.


 63.6206, 0.3238,
0.2926

 63.6206, 0.3238,
0.2926


437.8183, 0.3188,
0.3093

 46.3435, 0.3249,
0.2888

 110.0644, 0.3221,
0.2984

 32.5169, 0.3263,
0.2841


139.9998, 0.3214,
0.3006

 21.7566, 0.3280,
0.2783


174.9234, 0.3208,
0.3026

 13.6782, 0.3302,
0.2706

215.2196, 0.3203,
0.3043

 7.8972, 0.3331,
0.2602

261.2728, 0.3199,
0.3058

 4.0292, 0.3371,
0.2455

313.4674, 0.3195,

 1.6899, 0.3430,

0.3071

0.2228

372.1877, 0.3191,
0.3083

0.4171, 0.3628,
0.1599

0.0000, 0.0000,
0.0000

63.6206, 0.3238,
0.2926

63.6206, 0.3238,
0.2926

53.3016, 0.3309,
0.2732

75.7145, 0.3177,
0.3117

44.6646, 0.3390,
0.2541

89.6539, 0.3124,
0.3301

37.6207, 0.3480,
0.2362

97.2023, 0.3084,
0.3353

32.0696, 0.3578,
0.2205

97.5938, 0.3049,
0.3293

■ 27.8996, 0.3682,
0.2080

■ 97.6122, 0.3047,
0.3290

■ 24.9830, 0.3787,
0.1998

■ 23.1684, 0.3892,
0.1964

■ 22.2181, 0.3993,
0.1975

■ 22.1716, 0.3999,
0.1976

Harmonies

Analogous

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



63.6206, 0.2923, 0.2796



63.6206, 0.3238, 0.2926



63.6206, 0.3535, 0.3142

Triad

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



63.6206, 0.3238, 0.2926



63.6206, 0.3584, 0.3815



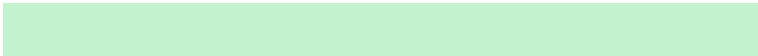
63.6206, 0.2567, 0.3131

Complementary

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



63.6206, 0.3238, 0.2926



79.5985, 0.3032, 0.3684

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.



63.6206, 0.2726, 0.3430



63.6206, 0.3238, 0.2926



63.6206, 0.3310, 0.3842

Square

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



63.6206, 0.3238, 0.2926



63.6206, 0.3739, 0.3647



63.6206, 0.2996, 0.3700



63.6206, 0.2549, 0.2898

Rectangle

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



63.6206, 0.3238, 0.2926



63.6206, 0.3677, 0.3313



63.6206, 0.2996, 0.3700



63.6206, 0.2605, 0.3227

Sweetspot

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



63.6234, 0.3238, 0.2926



90.3743, 0.3158, 0.3180



58.6797, 0.2888, 0.2768



19.1295, 0.3161, 0.3168



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.



63.6234, 0.3238, 0.2926



67.1894, 0.3263, 0.2855



62.4053, 0.3417, 0.3166



15.9583, 0.3177, 0.3116



11.9373, 0.3983, 0.1968



1.0091, 0.3858, 0.1899

Inverse Universe

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



63.6234, 0.3238, 0.2926



67.1894, 0.3263, 0.2855



80.8185, 0.2900, 0.3419



15.9583, 0.3177, 0.3116



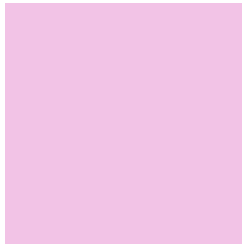
11.9373, 0.3983, 0.1968



1.0091, 0.3858, 0.1899

Previews

White Background



This preview shows how the Yxy color 63.6206, 0.3238, 0.2926 looks on a white background.

Color Contrast Check

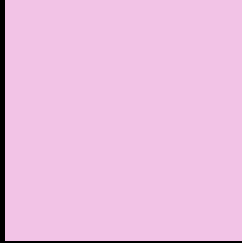
Large Text (above 18pt) WCAG AA × Fail

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 63.6206, 0.3238, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

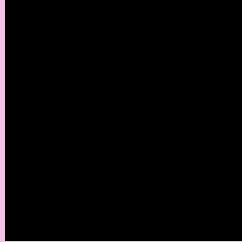
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6206, 0.3238, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 63.6206, 0.3238, 0.2926.



This preview shows how white text looks on a background with the Yxy color 63.6206, 0.3238, 0.2926.

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

63.6206, 0.3238, 0.2926

Protanopia

63.6361, 0.2898, 0.2944

Deuteranopia

63.6855, 0.3087, 0.3017



Tritanopia

63.7175, 0.3348, 0.3131

Trichromacy



Original Color

63.6206, 0.3238, 0.2926

Protanomaly

63.6155, 0.3017, 0.2941

Deuteranomaly

63.6237, 0.3142, 0.2979

Tritanomaly

63.7477, 0.3311, 0.3058

Monochromacy



Original Color

63.6206, 0.3238, 0.2926

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.1044, 0.3172, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6206, 0.3238, 0.2926 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, 195, 230)` looks like.

```
.text, #text, p{  
    color:rgb(242, 195, 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, 195, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 195, 230) }
```

Border

The CSS property to change the border of an element to Yxy 63.6206, 0.3238, 0.2926 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, 195, 230) }
```

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

```
.border{ border-color:rgb(242, 195, 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, 195, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 195, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 195, 230);  
box-shadow:4px 4px 4px 4px rgb(242, 195,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6206, 0.3238, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 195, 230) }
```

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

```
.background{ background-color: rgb(242,  
195, 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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