

Converting Colors

Yxy(66.4659, 0.3206, 0.2929)

Have a look what the booklet for
Yxy(66.4659, 0.3206, 0.2929)
contains.

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Color

Yxy(66.3614, 0.3205, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	F3C8EB
RGB	243, 200, 235
RGB Percent	95%, 78%, 92%
CMY	0.0470, 0.2157, 0.0784
CMYK	0.00, 0.18, 0.03, 0.05
HSL	311°, 64%, 87%
HSV	311°, 18%, 95%
XYZ	72.6146, 66.3614, 87.5907
YIQ	216.8470, 14.3930, 20.0010

Conversions

Conversions Part 2

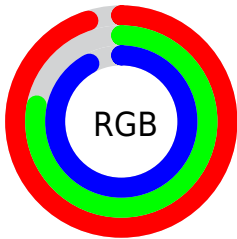
Format	Color
R _{YB}	243, 200, 235
Decimal	15976683
CIE _{Lab}	85.18, 20.96, -11.56
CIE _{LCh}	85, 23.939, 331.131
Yxy	66.3614, 0.3205, 0.2929
Android (android.graphics.Color)	4294166763 (0xFFFF3C8EB)
YUV	216.8470, 8.9494, 22.9362
Hunter-Lab	81.4625, 16.5532, -6.7265

Details

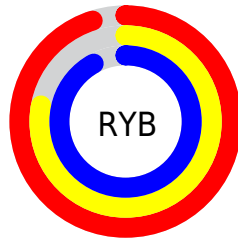
The Yxy color $66.3614, 0.3205, 0.2929$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $80.9377, 0.3058, 0.3680$, and the grayscale version is $69.2105, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.3772, 0.3228, 0.2852$ is the 20% darker color. If you saturate the color by 10%, you get $55.7308, 0.3258, 0.2719$, and if you desaturate by 10%, it is $78.7932, 0.3159, 0.3136$.

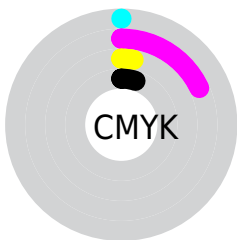
Distribution



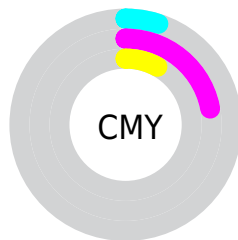
- Red (95%)
- Green (78%)
- Blue (92%)



- Red (95%)
- Yellow (78%)
- Blue (92%)



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (5%)




- Cyan (5%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3614, 0.3205, 0.2929 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 66.3614, 0.3205, 0.2929 by changing the saturation by 10% instead.


 66.3614, 0.3205,
0.2929

 66.3614, 0.3205,
0.2929


447.6683, 0.3171,
0.3094

 48.5658, 0.3212,
0.2892


114.0049, 0.3193,
0.2986

 34.2752, 0.3221,
0.2846


144.6216, 0.3189,
0.3008

 23.1051, 0.3232,
0.2789


180.2808, 0.3185,
0.3027

 14.6711, 0.3246,
0.2715


221.3669, 0.3181,
0.3044

 8.5889, 0.3264,
0.2616

268.2643, 0.3178,
0.3059

 4.4740, 0.3288,
0.2475

321.3574, 0.3175,

 1.9421, 0.3321,

0.3072

0.2262

381.0306, 0.3173,
0.3083

0.5735, 0.3402,
0.1814

0.0000, 0.0200,
0.0000

66.3614, 0.3205,
0.2929

66.3614, 0.3205,
0.2929

55.7308, 0.3258,
0.2719

78.7932, 0.3159,
0.3136

46.8085, 0.3317,
0.2512

93.0964, 0.3118,
0.3335

39.5061, 0.3383,
0.2317

97.3878, 0.3090,
0.3353

33.7240, 0.3453,
0.2144

97.6722, 0.3064,
0.3309

■ 29.3516, 0.3526,
0.2003

■ 97.7957, 0.3054,
0.3290

■ 26.2632, 0.3599,
0.1903

■ 24.3107, 0.3670,
0.1849

■ 23.2961, 0.3738,
0.1840

■ 23.1265, 0.3754,
0.1841

Harmonies

Analogous

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



66.3614, 0.2909, 0.2814



66.3614, 0.3205, 0.2929



66.3614, 0.3491, 0.3129

Triad

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



66.3614, 0.3205, 0.2929



66.3614, 0.3579, 0.3778



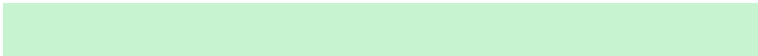
66.3614, 0.2603, 0.3164

Complementary

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



66.3614, 0.3205, 0.2929



80.9377, 0.3058, 0.3680

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.



66.3614, 0.2767, 0.3448



66.3614, 0.3205, 0.2929



66.3614, 0.3327, 0.3816

Square

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



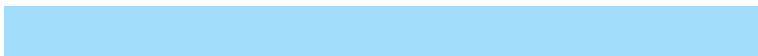
66.3614, 0.3205, 0.2929



66.3614, 0.3712, 0.3611



66.3614, 0.3030, 0.3695



66.3614, 0.2574, 0.2935

Rectangle

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



66.3614, 0.3205, 0.2929



66.3614, 0.3633, 0.3290



66.3614, 0.3030, 0.3695



66.3614, 0.2644, 0.3257

Sweetspot

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



66.3643, 0.3205, 0.2929



91.9816, 0.3147, 0.3190



61.1743, 0.2891, 0.2815



19.4558, 0.3150, 0.3176



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.



66.3643, 0.3205, 0.2929



69.8391, 0.3222, 0.2859



65.2008, 0.3365, 0.3147



16.7124, 0.3166, 0.3099



12.7108, 0.3743, 0.1836



1.1305, 0.3664, 0.1792

Inverse Universe

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



66.3643, 0.3205, 0.2929



69.8391, 0.3222, 0.2859



82.0630, 0.2936, 0.3438



16.7124, 0.3166, 0.3099



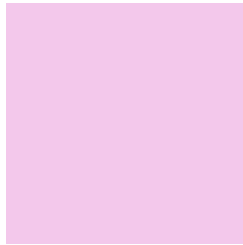
12.7108, 0.3743, 0.1836



1.1305, 0.3664, 0.1792

Previews

White Background



This preview shows how the Yxy color 66.3614, 0.3205, 0.2929 looks on a white background.

Color Contrast Check

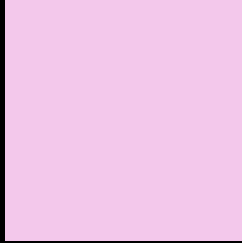
Large Text (above 18pt) WCAG AA × Fail

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 66.3614, 0.3205, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

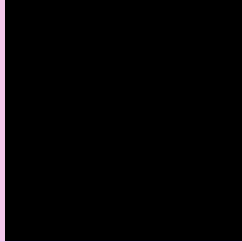
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3614, 0.3205, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 66.3614, 0.3205, 0.2929.



This preview shows how white text looks on a background with the Yxy color 66.3614, 0.3205, 0.2929.

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

66.3614, 0.3205, 0.2929

Protanopia

66.4092, 0.2902, 0.2950

Deuteranopia

66.4135, 0.3067, 0.3000



Tritanopia

66.5271, 0.3305, 0.3122

Trichromacy



Original Color

66.3614, 0.3205, 0.2929

Protanomaly

66.2298, 0.3012, 0.2946

Deuteranomaly

66.1152, 0.3120, 0.2972

Tritanomaly

66.5545, 0.3269, 0.3050

Monochromacy



Original Color

66.3614, 0.3205, 0.2929

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.1391, 0.3148, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3614, 0.3205, 0.2929 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(243, 200, 235)` looks like.

```
.text, #text, p{  
    color:rgb(243, 200, 235)  
}
```

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(243, 200, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 200, 235) }
```

Border

The CSS property to change the border of an element to Yxy 66.3614, 0.3205, 0.2929 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(243, 200, 235) }
```

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

```
.border{ border-color:rgb(243, 200, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 200, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 200, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 200, 235);  
box-shadow:4px 4px 4px 4px rgb(243, 200,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3614, 0.3205, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 200, 235) }
```

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

```
.background{ background-color: rgb(243,  
200, 235) }
```

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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