

Converting Colors

Yxy(64.2964, 0.3149, 0.2835)

Have a look what the booklet for
Yxy(64.2964, 0.3149, 0.2835)
contains.

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Color

Yxy(64.2964, 0.3149, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	F0C4F0
RGB	240, 196, 240
RGB Percent	94%, 77%, 94%
CMY	0.0586, 0.2314, 0.0588
CMYK	0.00, 0.18, 0.00, 0.06
HSL	300°, 60%, 85%
HSV	300°, 18%, 94%
XYZ	71.4178, 64.2964, 91.0809
YIQ	214.1720, 12.1000, 23.0120

Conversions

Conversions Part 2

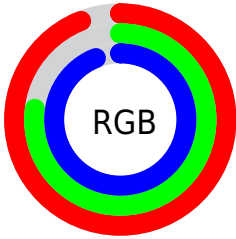
Format	Color
R _{YB}	240, 196, 240
Decimal	15779056
CIE Lab	84.12, 23.01, -15.83
CIE LCh	84, 27.927, 325.482
Yxy	64.2964, 0.3149, 0.2835
Android (android.graphics.Color)	4293969136 (0xFFFF0C4F0)
YUV	214.1720, 12.7332, 22.6512
Hunter-Lab	80.1850, 18.6594, -11.2170

Details

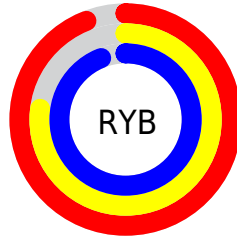
The Yxy color $64.2964, 0.3149, 0.2835$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $78.0773, 0.3103, 0.3791$, and the grayscale version is $67.2782, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7306, 0.3128, 0.3271$, and $32.9970, 0.3153, 0.2732$ is the 20% darker color. If you saturate the color by 10%, you get $54.3212, 0.3161, 0.2585$, and if you desaturate by 10%, it is $76.0098, 0.3137, 0.3085$.

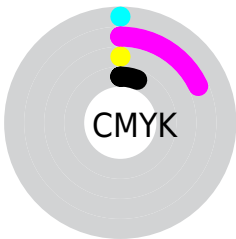
Distribution



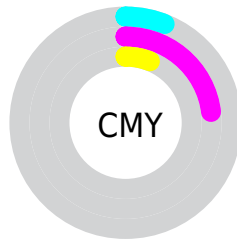
- Red (94%)
- Green (77%)
- Blue (94%)



- Red (94%)
- Yellow (77%)
- Blue (94%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)




- Cyan (6%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2964, 0.3149, 0.2835 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 64.2964, 0.3149, 0.2835 by changing the saturation by 10% instead.

 64.2964, 0.3149,
0.2835

 64.2964, 0.3149,
0.2835

440.2592, 0.3142,
0.3042

 46.8908, 0.3150,
0.2789


 111.0377, 0.3147,
0.2906

 32.9493, 0.3151,
0.2732


141.1422, 0.3146,
0.2934

 22.0876, 0.3151,
0.2660


176.2484, 0.3145,
0.2958

 13.9213, 0.3150,
0.2568

216.7407, 0.3145,
0.2979

 8.0659, 0.3148,
0.2444

263.0035, 0.3144,
0.2998

 4.1372, 0.3140,
0.2271


315.4213, 0.3143,

 1.7506, 0.3121,


0.3014


0.2012


374.3784, 0.3143,
0.3029

 0.4561, 0.3125,
0.1419


 0.0000, 0.0000,
0.0000

 64.2964, 0.3149,
0.2835


 64.2964, 0.3149,
0.2835


 54.3212, 0.3161,
0.2585


 76.0098, 0.3137,
0.3085

 45.9935, 0.3173,
0.2344


 89.5297, 0.3125,
0.3329


 39.2272, 0.3184,
0.2121

 96.3533, 0.3120,
0.3437


 33.9251, 0.3193,
0.1927

 96.3554, 0.3120,
0.3437


 29.9789, 0.3201,
0.1769

 96.3575, 0.3120,
0.3437

 27.2657, 0.3207,
0.1654


 96.3596, 0.3119,
0.3436


 25.6401, 0.3211,
0.1581

 96.3616, 0.3119,
0.3436

 24.8958, 0.3213,
0.1547

 96.3637, 0.3119,
0.3436

 24.8100, 0.3213,
0.1544

 96.3658, 0.3119,
0.3435

Harmonies

Analogous

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



64.2964, 0.2811, 0.2724



64.2964, 0.3149, 0.2835



64.2964, 0.3498, 0.3051

Triad

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



64.2964, 0.3149, 0.2835



64.2964, 0.3701, 0.3835



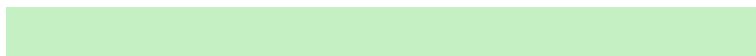
64.2964, 0.2538, 0.3199

Complementary

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



64.2964, 0.3149, 0.2835



78.0773, 0.3103, 0.3791

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.



64.2964, 0.2754, 0.3539



64.2964, 0.3149, 0.2835



64.2964, 0.3423, 0.3920

Square

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



64.2964, 0.3149, 0.2835



64.2964, 0.3826, 0.3613



64.2964, 0.3075, 0.3813



64.2964, 0.2474, 0.2912

Rectangle

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



64.2964, 0.3149, 0.2835



64.2964, 0.3684, 0.3233



64.2964, 0.3075, 0.3813



64.2964, 0.2595, 0.3312

Sweetspot

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



64.2992, 0.3149, 0.2835



90.6222, 0.3134, 0.3143



57.5005, 0.2823, 0.2788



19.1883, 0.3135, 0.3127



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.



64.2992, 0.3149, 0.2835



69.2756, 0.3153, 0.2742



63.0712, 0.3313, 0.3057



16.0310, 0.3138, 0.3058



13.5737, 0.3213, 0.1544



1.1293, 0.3212, 0.1543

Inverse Universe

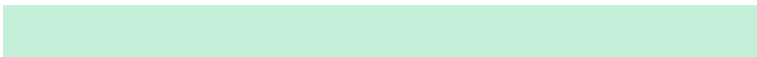
The Inverse Universe completely reimagines the original color for something new.



64.2992, 0.3149, 0.2835



69.2756, 0.3153, 0.2742



79.1528, 0.2975, 0.3536



16.0310, 0.3138, 0.3058



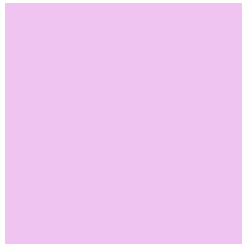
13.5737, 0.3213, 0.1544



1.1293, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 64.2964, 0.3149, 0.2835 looks on a white background.

Color Contrast Check

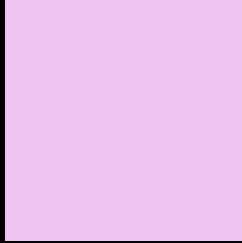
Large Text (above 18pt) WCAG AA × Fail

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 64.2964, 0.3149, 0.2835 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 64.2964, 0.3149, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 64.2964, 0.3149, 0.2835.



This preview shows how white text looks on a background with the Yxy color 64.2964, 0.3149, 0.2835.

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

64.2964, 0.3149, 0.2835

Protanopia

64.4456, 0.2823, 0.2849

Deuteranopia

64.5874, 0.2990, 0.2931



Tritanopia

64.2709, 0.3299, 0.3119

Trichromacy



Original Color

64.2964, 0.3149, 0.2835

Protanomaly

64.3772, 0.2937, 0.2847

Deuteranomaly

64.4806, 0.3041, 0.2895

Tritanomaly

64.4602, 0.3241, 0.3016

Monochromacy



Original Color

64.2964, 0.3149, 0.2835

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

65.6413, 0.3135, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2964, 0.3149, 0.2835 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(240, 196, 240)` looks like.

```
.text, #text, p{  
    color:rgb(240, 196, 240)  
}
```

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(240, 196, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 196, 240) }
```

Border

The CSS property to change the border of an element to Yxy 64.2964, 0.3149, 0.2835 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(240, 196, 240) }
```

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

```
.border{ border-color:rgb(240, 196, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 196, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 196, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 196, 240);  
box-shadow:4px 4px 4px 4px rgb(240, 196,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2964, 0.3149, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 196, 240) }
```

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

```
.background{ background-color: rgb(240,  
196, 240) }
```

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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