

Converting Colors

$Y_{xy}(63.2126, 0.3230, 0.2934)$

Have a look what the booklet for
Yxy(63.2126, 0.3230, 0.2934)
contains.

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Color

Yxy(63.2126, 0.3230, 0.2934)

Conversions

Conversions Part 1

Format	Color
Hex	F0C3E5
RGB	240, 195, 229
RGB Percent	94%, 76%, 90%
CMY	0.0588, 0.2353, 0.1020
CMYK	0.00, 0.19, 0.05, 0.06
HSL	315°, 60%, 85%
HSV	315°, 19%, 94%
XYZ	69.5899, 63.2126, 82.6461
YIQ	212.3310, 15.9060, 20.1140

Conversions

Conversions Part 2

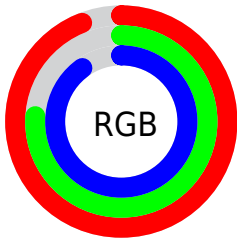
Format	Color
R _Y B	240, 195, 229
Decimal	15778789
CIE Lab	83.55, 21.54, -10.79
CIE LCh	84, 24.091, 333.381
Yxy	63.2126, 0.3230, 0.2934
Android (android.graphics.Color)	4293968869 (0xFFFF0C3E5)
YUV	212.3310, 8.2178, 24.2657
Hunter-Lab	79.5064, 17.1004, -5.9769

Details

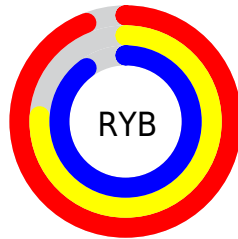
The Yxy color **63.2126, 0.3230, 0.2934** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.3801, 0.3038, 0.3674**, and the grayscale version is **66.0073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **32.2961, 0.3252, 0.2844** is the 20% darker color. If you saturate the color by 10%, you get **52.9876, 0.3298, 0.2737**, and if you desaturate by 10%, it is **75.1827, 0.3171, 0.3127**.

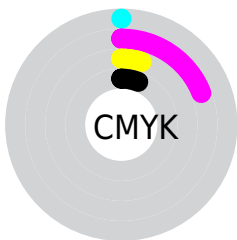
Distribution



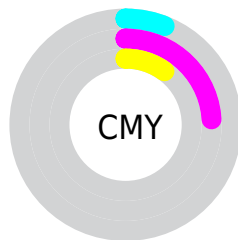
- Red (94%)
- Green (76%)
- Blue (90%)



- Red (94%)
- Yellow (76%)
- Blue (90%)



- Cyan (0%)
- Magenta (19%)
- Yellow (5%)
- Black (6%)




- Cyan (6%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2126, 0.3230, 0.2934 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 63.2126, 0.3230, 0.2934 by changing the saturation by 10% instead.

 63.2126, 0.3230,
0.2934

 63.2126, 0.3230,
0.2934


436.3406, 0.3184,
0.3098

 46.0132, 0.3240,
0.2897


 109.4762, 0.3214,
0.2991

 32.2563, 0.3253,
0.2851


139.3092, 0.3208,
0.3013

 21.5573, 0.3269,
0.2793


174.1221, 0.3202,
0.3032

 13.5320, 0.3289,
0.2717

214.2995, 0.3198,
0.3048

 7.7959, 0.3316,
0.2615

260.2256, 0.3194,
0.3063

 3.9646, 0.3353,
0.2469

312.2849, 0.3190,

 1.6538, 0.3408,

0.3076

0.2244

370.8618, 0.3187,
0.3088

0.3935, 0.3612,
0.1577

0.0000, 0.0000,
0.0000

63.2126, 0.3230,
0.2934

63.2126, 0.3230,
0.2934

52.9876, 0.3298,
0.2737

75.1827, 0.3171,
0.3127

44.4168, 0.3375,
0.2544

88.9667, 0.3121,
0.3313

37.4138, 0.3460,
0.2362

96.7365, 0.3083,
0.3372

31.8809, 0.3554,
0.2201

97.1045, 0.3049,
0.3314

■ 27.7094, 0.3652,
0.2072

■ 97.2649, 0.3035,
0.3290

■ 24.7755, 0.3752,
0.1986

■ 22.9329, 0.3852,
0.1946

■ 21.9658, 0.3947,
0.1952

■ 21.8700, 0.3959,
0.1955

Harmonies

Analogous

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



63.2126, 0.2925, 0.2809



63.2126, 0.3230, 0.2934



63.2126, 0.3519, 0.3143

Triad

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



63.2126, 0.3230, 0.2934



63.2126, 0.3574, 0.3797



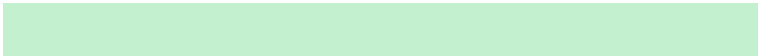
63.2126, 0.2585, 0.3141

Complementary

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



63.2126, 0.3230, 0.2934



78.3801, 0.3038, 0.3674

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.



63.2126, 0.2742, 0.3430



63.2126, 0.3230, 0.2934



63.2126, 0.3309, 0.3825

Square

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



63.2126, 0.3230, 0.2934



63.2126, 0.3721, 0.3633



63.2126, 0.3005, 0.3689



63.2126, 0.2565, 0.2913

Rectangle

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



63.2126, 0.3230, 0.2934



63.2126, 0.3657, 0.3309



63.2126, 0.3005, 0.3689



63.2126, 0.2623, 0.3234

Sweetspot

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



63.2154, 0.3230, 0.2934



90.3847, 0.3157, 0.3179



58.3770, 0.2891, 0.2787



19.1319, 0.3160, 0.3166



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.



63.2154, 0.3230, 0.2934



68.4272, 0.3251, 0.2869



62.0647, 0.3399, 0.3162



15.9614, 0.3175, 0.3113



11.9943, 0.3944, 0.1947



1.0134, 0.3827, 0.1882

Inverse Universe

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



63.2154, 0.3230, 0.2934



68.4272, 0.3251, 0.2869



79.5240, 0.2912, 0.3422



15.9614, 0.3175, 0.3113



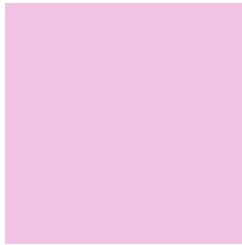
11.9943, 0.3944, 0.1947



1.0134, 0.3827, 0.1882

Previews

White Background



This preview shows how the Yxy color 63.2126, 0.3230, 0.2934 looks on a white background.

Color Contrast Check

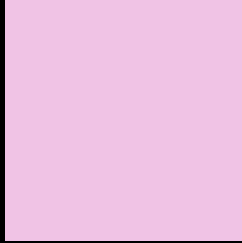
Large Text (above 18pt) WCAG AA × Fail

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 63.2126, 0.3230, 0.2934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

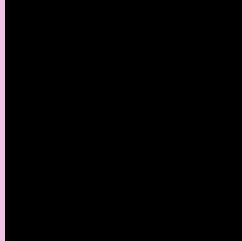
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2126, 0.3230, 0.2934

Background



This preview shows how black text looks on a background with the Yxy color 63.2126, 0.3230, 0.2934.



This preview shows how white text looks on a background with the Yxy color 63.2126, 0.3230, 0.2934.

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

63.2126, 0.3230, 0.2934

Protanopia

63.5774, 0.2905, 0.2955

Deuteranopia

63.5290, 0.3080, 0.3016



Tritanopia

63.3694, 0.3332, 0.3130

Trichromacy



Original Color

63.2126, 0.3230, 0.2934

Protanomaly

63.4041, 0.3017, 0.2951

Deuteranomaly

63.2409, 0.3134, 0.2987

Tritanomaly

63.3977, 0.3296, 0.3057

Monochromacy



Original Color

63.2126, 0.3230, 0.2934

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.7342, 0.3164, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2126, 0.3230, 0.2934 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, 195, 229)` looks like.

```
.text, #text, p{  
    color:rgb(240, 195, 229)  
}
```

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, 195, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 195, 229) }
```

Border

The CSS property to change the border of an element to Yxy 63.2126, 0.3230, 0.2934 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, 195, 229) }
```

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

```
.border{ border-color:rgb(240, 195, 229) }
```

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

Here you see how a box with a 4 pixel rgb(240, 195, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 195, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 195, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 195,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2126, 0.3230, 0.2934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 195, 229) }
```

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

```
.background{ background-color: rgb(240,  
195, 229) }
```

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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