

Converting Colors

Yxy(64.2506, 0.3326, 0.2933)

Have a look what the booklet for
Yxy(64.2506, 0.3326, 0.2933)
contains.

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Color

Yxy(64.2506, 0.3326, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	FBC1E4
RGB	251, 193, 228
RGB Percent	98%, 76%, 89%
CMY	0.0156, 0.2431, 0.1059
CMYK	0.00, 0.23, 0.09, 0.02
HSL	324°, 88%, 87%
HSV	324°, 23%, 98%
XYZ	72.8597, 64.2506, 81.9507
YIQ	214.3320, 23.3330, 23.1810

Conversions

Conversions Part 2

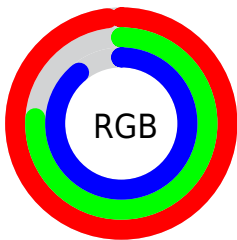
Format	Color
R _Y B	251, 193, 228
Decimal	16499172
CIE Lab	84.10, 26.15, -9.35
CIE LCh	84, 27.772, 340.334
Yxy	64.2506, 0.3326, 0.2933
Android (android.graphics.Color)	4294689252 (0xFFFBCE4)
YUV	214.3320, 6.7383, 32.1578
Hunter-Lab	80.1565, 21.9770, -4.5076

Details

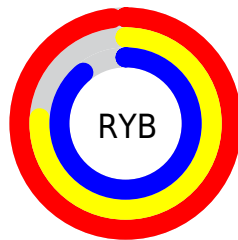
The Yxy color **64.2506, 0.3326, 0.2933** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.3013, 0.2969, 0.3677**, and the grayscale version is **67.4244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **32.9517, 0.3370, 0.2845** is the 20% darker color. If you saturate the color by 10%, you get **53.5437, 0.3439, 0.2772**, and if you desaturate by 10%, it is **76.8786, 0.3230, 0.3092**.

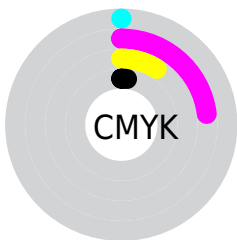
Distribution



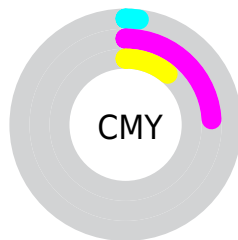
- Red (98%)
- Green (76%)
- Blue (89%)



- Red (98%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (23%)
- Yellow (9%)
- Black (2%)




- Cyan (2%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2506, 0.3326, 0.2933 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 64.2506, 0.3326, 0.2933 by changing the saturation by 10% instead.

 64.2506, 0.3326,
0.2933

 64.2506, 0.3326,
0.2933

440.0940, 0.3234,
0.3097

 46.8537, 0.3347,
0.2896


 110.9718, 0.3294,
0.2990

 32.9200, 0.3373,
0.2850


141.0648, 0.3282,
0.3012

 22.0652, 0.3405,
0.2793

176.1586, 0.3271,
0.3031

 13.9048, 0.3447,
0.2718

216.6377, 0.3262,
0.3047

 8.0545, 0.3505,
0.2617

262.8864, 0.3254,
0.3062

 4.1298, 0.3587,
0.2473


315.2891, 0.3247,


 1.7464, 0.3715,

0.3075


0.2253

374.2302, 0.3240,
0.3086


 0.4535, 0.4035,
0.1678

 0.0000, 1.0000,
0.0000


 64.2506, 0.3326,
0.2933


 64.2506, 0.3326,
0.2933


 53.5437, 0.3439,
0.2772


 76.8786, 0.3230,
0.3092

 44.6536, 0.3571,
0.2615

 91.5079, 0.3149,
0.3244

 37.4794, 0.3721,
0.2471

 99.2522, 0.3103,
0.3290

 31.9066, 0.3888,
0.2351

■ 27.8066, 0.4067,
0.2267

■ 25.0309, 0.4253,
0.2231

■ 23.3991, 0.4436,
0.2247

■ 22.7589, 0.4559,
0.2285

Harmonies

Analogous

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



64.2506, 0.2972, 0.2766



64.2506, 0.3326, 0.2933



64.2506, 0.3639, 0.3185

Triad

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



64.2506, 0.3326, 0.2933



64.2506, 0.3576, 0.3895



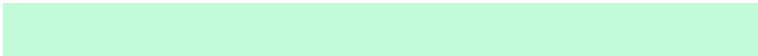
64.2506, 0.2490, 0.3046

Complementary

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



64.2506, 0.3326, 0.2933



85.3013, 0.2969, 0.3677

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.



64.2506, 0.2633, 0.3370



64.2506, 0.3326, 0.2933



64.2506, 0.3253, 0.3888

Square

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



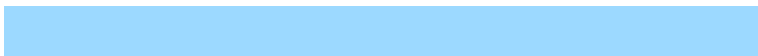
64.2506, 0.3326, 0.2933



64.2506, 0.3784, 0.3733



64.2506, 0.2908, 0.3691



64.2506, 0.2505, 0.2815

Rectangle

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



64.2506, 0.3326, 0.2933



64.2506, 0.3774, 0.3376



64.2506, 0.2908, 0.3691



64.2506, 0.2520, 0.3147

Sweetspot

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



64.2535, 0.3326, 0.2933



88.6873, 0.3179, 0.3186



59.5900, 0.2889, 0.2666



18.7845, 0.3184, 0.3177



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.



64.2535, 0.3326, 0.2933



60.9023, 0.3379, 0.2854



62.8121, 0.3551, 0.3220



17.4011, 0.3199, 0.3148



11.9908, 0.4530, 0.2269



1.1315, 0.4329, 0.2158

Inverse Universe

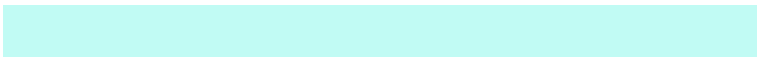
The Inverse Universe completely reimagines the original color for something new.



64.2535, 0.3326, 0.2933



60.9023, 0.3379, 0.2854



86.8886, 0.2819, 0.3362



17.4011, 0.3199, 0.3148



11.9908, 0.4530, 0.2269



1.1315, 0.4329, 0.2158

Previews

White Background



This preview shows how the Yxy color 64.2506, 0.3326, 0.2933 looks on a white background.

Color Contrast Check

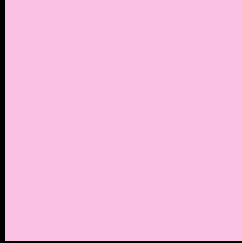
Large Text (above 18pt) WCAG AA × Fail

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 64.2506, 0.3326, 0.2933 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 64.2506, 0.3326, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 64.2506, 0.3326, 0.2933.



This preview shows how white text looks on a background with the Yxy color 64.2506, 0.3326, 0.2933.

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

64.2506, 0.3326, 0.2933

Protanopia

64.4066, 0.2913, 0.2957

Deuteranopia

64.3647, 0.3116, 0.3050



Tritanopia

64.3227, 0.3439, 0.3134

Trichromacy



Original Color

64.2506, 0.3326, 0.2933



Protanomaly

64.1820, 0.3053, 0.2954



Deuteranomaly

64.1782, 0.3187, 0.3002



Tritanomaly

64.3640, 0.3401, 0.3063

Monochromacy



Original Color

64.2506, 0.3326, 0.2933



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.5880, 0.3194, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2506, 0.3326, 0.2933 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(251, 193, 228)` looks like.

```
.text, #text, p{  
    color:rgb(251, 193, 228)  
}
```

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(251, 193, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 193, 228) }
```

Border

The CSS property to change the border of an element to Yxy 64.2506, 0.3326, 0.2933 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(251, 193, 228) }
```

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

```
.border{ border-color:rgb(251, 193, 228) }
```

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

Here you see how a box with a 4 pixel rgb(251, 193, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 193, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 193, 228);  
box-shadow:4px 4px 4px 4px rgb(251, 193,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2506, 0.3326, 0.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 193, 228) }
```

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

```
.background{ background-color: rgb(251,  
193, 228) }
```

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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