

Converting Colors

$Y_{xy}(65.3656, 0.3293, 0.2914)$

Have a look what the booklet for
Yxy(65.3656, 0.3293, 0.2914)
contains.

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Color

Yxy(65.3656, 0.3293, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	FBC3E8
RGB	251, 195, 232
RGB Percent	98%, 76%, 91%
CMY	0.0157, 0.2353, 0.0901
CMYK	0.00, 0.22, 0.08, 0.02
HSL	320°, 88%, 87%
HSV	320°, 22%, 98%
XYZ	73.8672, 65.3656, 85.0830
YIQ	215.9620, 21.4990, 23.3790

Conversions

Conversions Part 2

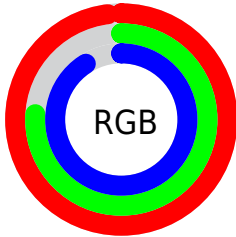
Format	Color
R _Y B	251, 195, 232
Decimal	16499688
CIE Lab	84.67, 25.77, -10.64
CIE LCh	85, 27.881, 337.560
Yxy	65.3656, 0.3293, 0.2914
Android (android.graphics.Color)	4294689768 (0xFFFB3E8)
YUV	215.9620, 7.9067, 30.7283
Hunter-Lab	80.8490, 21.5996, -5.8006

Details

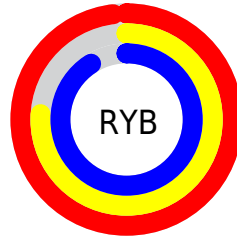
The Yxy color **65.3656, 0.3293, 0.2914** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.4531, 0.2992, 0.3698**, and the grayscale version is **68.5788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **33.6537, 0.3336, 0.2834** is the 20% darker color. If you saturate the color by 10%, you get **54.5780, 0.3389, 0.2739**, and if you desaturate by 10%, it is **78.0729, 0.3211, 0.3087**.

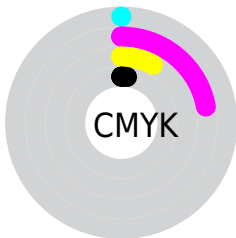
Distribution



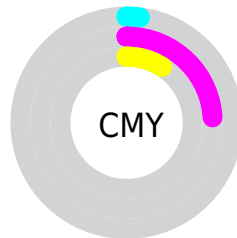
- Red (98%)
- Green (76%)
- Blue (91%)



- Red (98%)
- Yellow (76%)
- Blue (91%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.3656, 0.3293, 0.2914 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 65.3656, 0.3293, 0.2914 by changing the saturation by 10% instead.


 65.3656, 0.3293,
0.2914

 65.3656, 0.3293,
0.2914


444.1046, 0.3217,
0.3086

 47.7576, 0.3310,
0.2875


 112.5753, 0.3267,
0.2973

 33.6350, 0.3331,
0.2828


142.9458, 0.3257,
0.2996

 22.6133, 0.3357,
0.2768


178.3393, 0.3248,
0.3016

 14.3082, 0.3391,
0.2691

219.1401, 0.3240,
0.3034

 8.3354, 0.3436,
0.2587

265.7326, 0.3234,
0.3049

 4.3103, 0.3500,
0.2440

318.5013, 0.3228,

 1.8486, 0.3596,

0.3063

0.2218

377.8305, 0.3222,
0.3075

0.5172, 0.3818,
0.1713

0.0000, 0.4020,
0.0000

65.3656, 0.3293,
0.2914

65.3656, 0.3293,
0.2914

54.5780, 0.3389,
0.2739

78.0729, 0.3211,
0.3087

45.6067, 0.3500,
0.2568

92.7794, 0.3142,
0.3253

38.3516, 0.3625,
0.2411

99.2499, 0.3102,
0.3290

32.6994, 0.3762,
0.2277

■ 28.5231, 0.3909,
0.2178

■ 25.6764, 0.4060,
0.2126

■ 23.9824, 0.4209,
0.2124

■ 23.2603, 0.4321,
0.2154

Harmonies

Analogous

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



65.3656, 0.2941, 0.2757



65.3656, 0.3293, 0.2914



65.3656, 0.3614, 0.3159

Triad

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



65.3656, 0.3293, 0.2914



65.3656, 0.3600, 0.3885



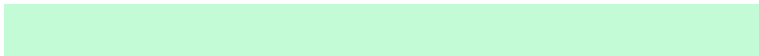
65.3656, 0.2497, 0.3074

Complementary

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



65.3656, 0.3293, 0.2914



85.4531, 0.2992, 0.3698

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.



65.3656, 0.2654, 0.3402



65.3656, 0.3293, 0.2914



65.3656, 0.3285, 0.3896

Square

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



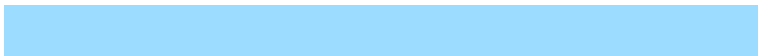
65.3656, 0.3293, 0.2914



65.3656, 0.3793, 0.3711



65.3656, 0.2939, 0.3715



65.3656, 0.2498, 0.2832

Rectangle

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



65.3656, 0.3293, 0.2914



65.3656, 0.3759, 0.3349



65.3656, 0.2939, 0.3715



65.3656, 0.2533, 0.3177

Sweetspot

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



65.3685, 0.3293, 0.2914



88.7517, 0.3173, 0.3176



60.2429, 0.2878, 0.2686



18.7994, 0.3177, 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.



65.3685, 0.3293, 0.2914



62.2481, 0.3336, 0.2832



63.9168, 0.3510, 0.3194



17.4187, 0.3190, 0.3134



12.2545, 0.4297, 0.2141



1.1548, 0.4134, 0.2051

Inverse Universe

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



65.3685, 0.3293, 0.2914



62.2481, 0.3336, 0.2832



86.9899, 0.2844, 0.3389



17.4187, 0.3190, 0.3134



12.2545, 0.4297, 0.2141



1.1548, 0.4134, 0.2051

Previews

White Background



This preview shows how the Yxy color 65.3656, 0.3293, 0.2914 looks on a white background.

Color Contrast Check

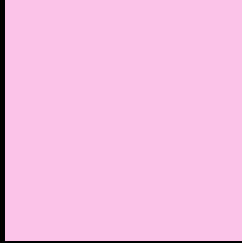
Large Text (above 18pt) WCAG AA × Fail

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 65.3656, 0.3293, 0.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

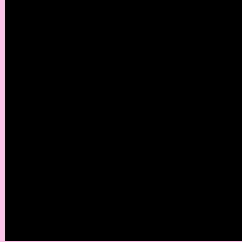
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3656, 0.3293, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 65.3656, 0.3293, 0.2914.



This preview shows how white text looks on a background with the Yxy color 65.3656, 0.3293, 0.2914.

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

65.3656, 0.3293, 0.2914

Protanopia

65.6258, 0.2888, 0.2937

Deuteranopia

65.7031, 0.3095, 0.3030



Tritanopia

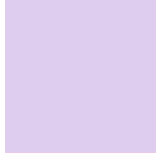
65.3829, 0.3412, 0.3125

Trichromacy



Original Color

65.3656, 0.3293, 0.2914



Protanomaly

65.3653, 0.3026, 0.2935



Deuteranomaly

65.5030, 0.3164, 0.2983



Tritanomaly

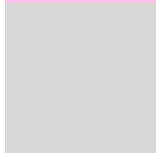
65.4770, 0.3367, 0.3043

Monochromacy



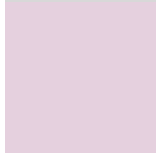
Original Color

65.3656, 0.3293, 0.2914



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

67.0437, 0.3187, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3656, 0.3293, 0.2914 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, 195, 232)` looks like.

```
.text, #text, p{  
    color:rgb(251, 195, 232)  
}
```

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, 195, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 195, 232) }
```

Border

The CSS property to change the border of an element to Yxy 65.3656, 0.3293, 0.2914 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, 195, 232) }
```

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

```
.border{ border-color:rgb(251, 195, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 195, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 195, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 195, 232);  
box-shadow:4px 4px 4px 4px rgb(251, 195,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3656, 0.3293, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 195, 232) }
```

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

```
.background{ background-color: rgb(251,  
195, 232) }
```

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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