

Converting Colors

$Y_{xy}(64.1927, 0.3315, 0.2892)$

Have a look what the booklet for
Yxy(64.1927, 0.3315, 0.2892)
contains.

Yxy(64.3514, 0.3320, 0.2895)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(64.3514, 0.3320, 0.2895)

Conversions

Conversions Part 1

Format	Color
Hex	FDC0E7
RGB	253, 192, 231
RGB Percent	99%, 75%, 91%
CMY	0.0076, 0.2471, 0.0941
CMYK	0.00, 0.24, 0.09, 0.01
HSL	322°, 94%, 87%
HSV	322°, 24%, 99%
XYZ	73.7985, 64.3514, 84.1347
YIQ	214.6850, 23.8370, 25.0610

Conversions

Conversions Part 2

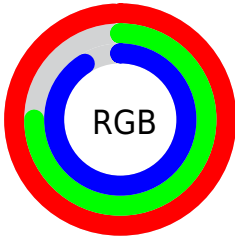
Format	Color
R _{YB}	253, 192, 231
Decimal	16629991
CIE _{Lab}	84.15, 27.88, -10.86
CIE _{LCh}	84, 29.923, 338.723
Y _{xy}	64.3514, 0.3320, 0.2895
Android (android.graphics.Color)	4294820071 (0xFFFD0E7)
Y _{UV}	214.6850, 8.0433, 33.6023
Hunter-Lab	80.2193, 23.8289, -6.0303

Details

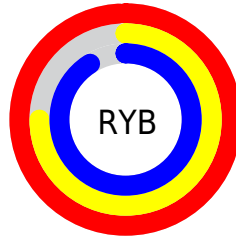
The Yxy color **64.3514, 0.3320, 0.2895** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.3512, 0.2974, 0.3721**, and the grayscale version is **67.6676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **33.0079, 0.3371, 0.2811** is the 20% darker color. If you saturate the color by 10%, you get **53.6788, 0.3425, 0.2725**, and if you desaturate by 10%, it is **76.9672, 0.3230, 0.3063**.

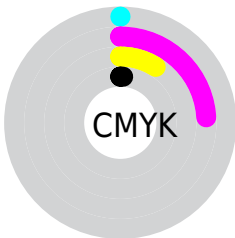
Distribution



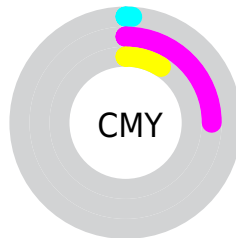
- Red (99%)
- Green (75%)
- Blue (91%)



- Red (99%)
- Yellow (75%)
- Blue (91%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (1%)





- Cyan (1%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3514, 0.3320, 0.2895 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 64.3514, 0.3320, 0.2895 by changing the saturation by 10% instead.

 64.3514, 0.3320,
0.2895

 64.3514, 0.3320,
0.2895


440.4575, 0.3232,
0.3076

 46.9353, 0.3340,
0.2854


 111.1169, 0.3290,
0.2957

 32.9845, 0.3364,
0.2804


141.2350, 0.3278,
0.2981

 22.1146, 0.3395,
0.2742


176.3561, 0.3267,
0.3002

 13.9411, 0.3435,
0.2660

216.8643, 0.3259,
0.3021

 8.0797, 0.3489,
0.2551

263.1442, 0.3251,
0.3037

 4.1460, 0.3565,
0.2396

315.5801, 0.3244,

 1.7556, 0.3681,

0.3051

0.2161

374.5564, 0.3237,
0.3064

0.4593, 0.3963,
0.1585

0.0000, 0.5471,
0.0000

64.3514, 0.3320,
0.2895

64.3514, 0.3320,
0.2895

53.6788, 0.3425,
0.2725

76.9672, 0.3230,
0.3063

44.8427, 0.3546,
0.2561

91.6086, 0.3155,
0.3225

37.7390, 0.3683,
0.2412

99.6345, 0.3115,
0.3290

32.2499, 0.3833,
0.2288

■ 28.2425, 0.3993,
0.2201

■ 25.5630, 0.4157,
0.2162

■ 24.0227, 0.4319,
0.2176

■ 23.4916, 0.4411,
0.2204

Harmonies

Analogous

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



64.3514, 0.2940, 0.2723



64.3514, 0.3320, 0.2895



64.3514, 0.3664, 0.3160

Triad

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



64.3514, 0.3320, 0.2895



64.3514, 0.3625, 0.3936



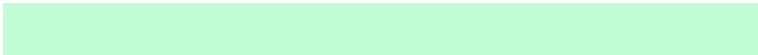
64.3514, 0.2447, 0.3042

Complementary

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



64.3514, 0.3320, 0.2895



86.3512, 0.2974, 0.3721

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.



64.3514, 0.2608, 0.3395



64.3514, 0.3320, 0.2895



64.3514, 0.3281, 0.3943

Square

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



64.3514, 0.3320, 0.2895



64.3514, 0.3841, 0.3751



64.3514, 0.2909, 0.3740



64.3514, 0.2455, 0.2788

Rectangle

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



64.3514, 0.3320, 0.2895



64.3514, 0.3816, 0.3363



64.3514, 0.2909, 0.3740



64.3514, 0.2483, 0.3153

Sweetspot

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



64.3543, 0.3320, 0.2895



88.7270, 0.3175, 0.3180



58.9857, 0.2862, 0.2632



18.7937, 0.3179, 0.3170



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.



64.3543, 0.3320, 0.2895



59.9459, 0.3369, 0.2812



62.8083, 0.3559, 0.3196



18.1825, 0.3194, 0.3139



12.5185, 0.4387, 0.2190



1.2398, 0.4216, 0.2096

Inverse Universe

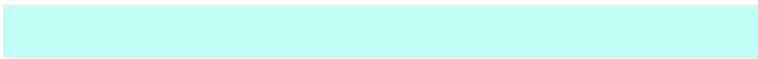
The Inverse Universe completely reimagines the original color for something new.



64.3543, 0.3320, 0.2895



59.9459, 0.3369, 0.2812



88.0198, 0.2817, 0.3387



18.1825, 0.3194, 0.3139



12.5185, 0.4387, 0.2190



1.2398, 0.4216, 0.2096

Previews

White Background



This preview shows how the Yxy color 64.3514, 0.3320, 0.2895 looks on a white background.

Color Contrast Check

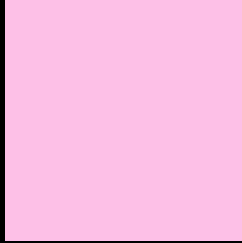
Large Text (above 18pt) WCAG AA × Fail

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 64.3514, 0.3320, 0.2895 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 64.3514, 0.3320, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 64.3514, 0.3320, 0.2895.



This preview shows how white text looks on a background with the Yxy color 64.3514, 0.3320, 0.2895.

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

64.3514, 0.3320, 0.2895

Protanopia

64.9909, 0.2881, 0.2925

Deuteranopia

64.3725, 0.3087, 0.3018



Tritanopia

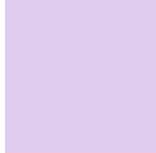
64.5070, 0.3447, 0.3135

Trichromacy



Original Color

64.3514, 0.3320, 0.2895



Protanomaly

64.4145, 0.3026, 0.2913



Deuteranomaly

64.3454, 0.3165, 0.2971



Tritanomaly

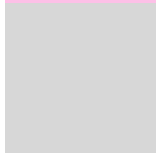
64.6014, 0.3401, 0.3054

Monochromacy



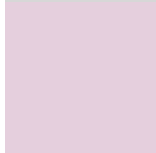
Original Color

64.3514, 0.3320, 0.2895



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

66.5041, 0.3194, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3514, 0.3320, 0.2895 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(253, 192, 231)` looks like.

```
.text, #text, p{  
    color:rgb(253, 192, 231)  
}
```

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(253, 192, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 192, 231) }
```

Border

The CSS property to change the border of an element to Yxy 64.3514, 0.3320, 0.2895 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(253, 192, 231) }
```

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

```
.border{ border-color:rgb(253, 192, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 192, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 192, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 192, 231);  
box-shadow:4px 4px 4px 4px rgb(253, 192,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3514, 0.3320, 0.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 192, 231) }
```

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

```
.background{ background-color: rgb(253,  
192, 231) }
```

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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