

Converting Colors

$Yxy(63.5762, 0.3385, 0.2937)$

Have a look what the booklet for
Yxy(63.5762, 0.3385, 0.2937)
contains.

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Color

Yxy(63.5232, 0.3385, 0.2935)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEE1
RGB	255, 190, 225
RGB Percent	100%, 75%, 88%
CMY	0.0000, 0.2550, 0.1176
CMYK	0.00, 0.25, 0.12, 0.00
HSL	328°, 100%, 87%
HSV	328°, 25%, 100%
XYZ	73.2627, 63.5232, 79.6475
YIQ	213.4250, 27.5050, 24.6650

Conversions

Conversions Part 2

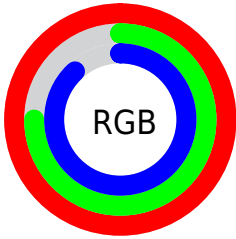
Format	Color
R_{YB}	255, 190, 225
Decimal	16760545
CIE Lab	83.72, 28.63, -8.28
CIE LCh	84, 29.801, 343.870
Yxy	63.5232, 0.3385, 0.2935
Android (android.graphics.Color)	4294950625 (0xFFFFBEE1)
YUV	213.4250, 5.7065, 36.4613
Hunter-Lab	79.7014, 24.6022, -3.4589

Details

The Yxy color $63.5232, 0.3385, 0.2935$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.6292, 0.2932, 0.3675$, and the grayscale version is $66.7773, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $32.5164, 0.3449, 0.2850$ is the 20% darker color. If you saturate the color by 10%, you get $52.7995, 0.3522, 0.2790$, and if you desaturate by 10%, it is $76.2057, 0.3269, 0.3079$.

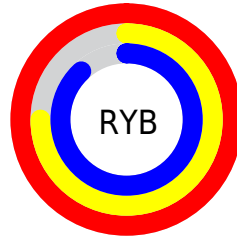
Distribution



Red (100%)

Green (75%)

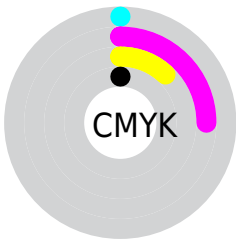
Blue (88%)



Red (100%)

Yellow (75%)

Blue (88%)

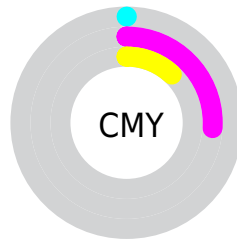


Cyan (0%)

Magenta (25%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5232, 0.3385, 0.2935 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 63.5232, 0.3385, 0.2935 by changing the saturation by 10% instead.

 63.5232, 0.3385,
0.2935

 63.5232, 0.3385,
0.2935


437.4658, 0.3265,
0.3098

 46.2646, 0.3412,
0.2898

 109.9240, 0.3343,
0.2992

 32.4547, 0.3447,
0.2852


139.8350, 0.3327,
0.3014

 21.7090, 0.3490,
0.2794


174.7322, 0.3313,
0.3033

 13.6433, 0.3547,
0.2719

215.0000, 0.3301,
0.3049

 7.8730, 0.3624,
0.2618

261.0229, 0.3291,
0.3064

 4.0138, 0.3737,
0.2472

313.1853, 0.3281,

 1.6813, 0.3914,

0.3077

0.2249

371.8714, 0.3273,
0.3088

0.4115, 0.4365,
0.1611

0.0000, 1.0000,
0.0000

63.5232, 0.3385,
0.2935

63.5232, 0.3385,
0.2935

52.7995, 0.3522,
0.2790

76.2057, 0.3269,
0.3079

43.9595, 0.3682,
0.2650

90.9676, 0.3173,
0.3217

36.8837, 0.3866,
0.2525

100.0000, 0.3127,
0.3290

31.4497, 0.4071,
0.2426

■ 27.5191, 0.4291,
0.2367

■ 24.9307, 0.4516,
0.2357

■ 23.4851, 0.4737,
0.2402

■ 23.0784, 0.4833,
0.2436

Harmonies

Analogous

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



63.5232, 0.3002, 0.2744



63.5232, 0.3385, 0.2935



63.5232, 0.3711, 0.3211

Triad

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



63.5232, 0.3385, 0.2935



63.5232, 0.3572, 0.3952



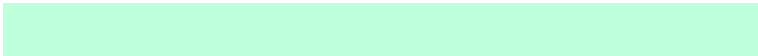
63.5232, 0.2436, 0.2989

Complementary

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



63.5232, 0.3385, 0.2935



87.6292, 0.2932, 0.3675

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.



63.5232, 0.2569, 0.3332



63.5232, 0.3385, 0.2935



63.5232, 0.3216, 0.3922

Square

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



63.5232, 0.3385, 0.2935



63.5232, 0.3817, 0.3792



63.5232, 0.2850, 0.3687



63.5232, 0.2473, 0.2759

Rectangle

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



63.5232, 0.3385, 0.2935



63.5232, 0.3841, 0.3416



63.5232, 0.2850, 0.3687



63.5232, 0.2462, 0.3095

Sweetspot

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



63.5144, 0.3384, 0.2935



87.0768, 0.3195, 0.3183



59.1340, 0.2891, 0.2600



18.1508, 0.3209, 0.3163



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.



63.5144, 0.3384, 0.2935



57.3820, 0.3457, 0.2855



61.9375, 0.3645, 0.3258



18.1508, 0.3209, 0.3163



12.0895, 0.4799, 0.2417



1.1992, 0.4567, 0.2290

Inverse Universe

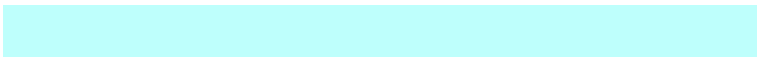
The Inverse Universe completely reimagines the original color for something new.



63.5144, 0.3384, 0.2935



57.3820, 0.3457, 0.2855



89.4766, 0.2768, 0.3323



18.1508, 0.3209, 0.3163



12.0895, 0.4799, 0.2417



1.1992, 0.4567, 0.2290

Previews

White Background



This preview shows how the Yxy color 63.5232, 0.3385, 0.2935 looks on a white background.

Color Contrast Check

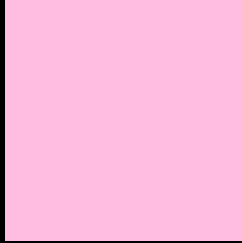
Large Text (above 18pt) WCAG AA × Fail

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 63.5232, 0.3385, 0.2935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

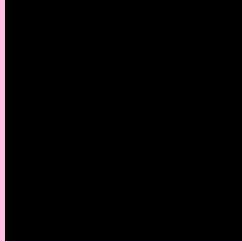
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.5232, 0.3385, 0.2935

Background



This preview shows how black text looks on a background with the Yxy color 63.5232, 0.3385, 0.2935.



This preview shows how white text looks on a background with the Yxy color 63.5232, 0.3385, 0.2935.

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

63.5232, 0.3385, 0.2935

Protanopia

63.6609, 0.2918, 0.2966

Deuteranopia

63.7276, 0.3137, 0.3071



Tritanopia

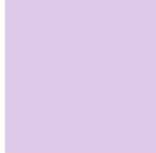
63.5766, 0.3500, 0.3136

Trichromacy



Original Color

63.5232, 0.3385, 0.2935



Protanomaly

63.2875, 0.3075, 0.2954



Deuteranomaly

63.4322, 0.3226, 0.3013



Tritanomaly

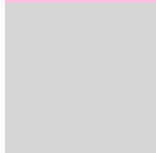
63.6251, 0.3462, 0.3065

Monochromacy



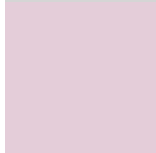
Original Color

63.5232, 0.3385, 0.2935



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

65.1664, 0.3217, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5232, 0.3385, 0.2935 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(255, 190, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 225)  
}
```

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(255, 190, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 225) }
```

Border

The CSS property to change the border of an element to Yxy 63.5232, 0.3385, 0.2935 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(255, 190, 225) }
```

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

```
.border{ border-color:rgb(255, 190, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5232, 0.3385, 0.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 225) }
```

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

```
.background{ background-color: rgb(255,  
190, 225) }
```

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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