

Converting Colors

Yxy(62.6647, 0.3502, 0.3145)

Have a look what the booklet for
Yxy(62.6647, 0.3502, 0.3145)
contains.

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Color

Yxy(62.6647, 0.3502, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	FBC0CE
RGB	251, 192, 206
RGB Percent	98%, 75%, 81%
CMY	0.0156, 0.2471, 0.1922
CMYK	0.00, 0.24, 0.18, 0.02
HSL	346°, 88%, 87%
HSV	346°, 24%, 98%
XYZ	69.7780, 62.6647, 66.8091
YIQ	211.2370, 30.6700, 16.8620

Conversions

Conversions Part 2

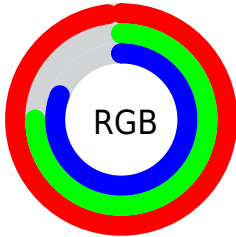
Format	Color
R_{YB}	251, 192, 206
Decimal	16498894
CIE _{Lab}	83.27, 23.19, 1.20
CIE _{LCh}	83, 23.217, 2.956
Yxy	62.6647, 0.3502, 0.3145
Android (android.graphics.Color)	4294688974 (0xFFFB0CE)
YUV	211.2370, -2.5818, 34.8722
Hunter-Lab	79.1610, 18.8104, 5.3740

Details

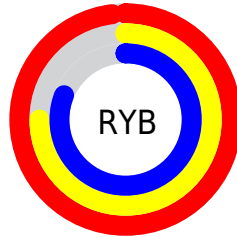
The Yxy color **62.6647, 0.3502, 0.3145** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.3267, 0.2851, 0.3441**, and the grayscale version is **65.3106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **31.9133, 0.3598, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **51.6939, 0.3726, 0.3080**, and if you desaturate by 10%, it is **75.6344, 0.3320, 0.3209**.

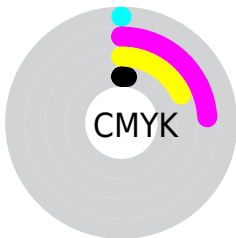
Distribution



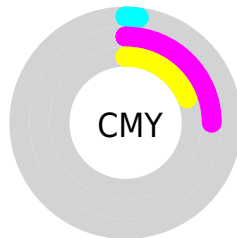
- Red (98%)
- Green (75%)
- Blue (81%)



- Red (98%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6647, 0.3502, 0.3145 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 62.6647, 0.3502, 0.3145 by changing the saturation by 10% instead.


 62.6647, 0.3502,
0.3145

 62.6647, 0.3502,
0.3145

434.3516, 0.3323,
0.3215

 45.5700, 0.3544,
0.3128


 108.6856, 0.3439,
0.3170

 31.9066, 0.3597,
0.3108


138.3807, 0.3415,
0.3179

 21.2902, 0.3665,
0.3081

173.0446, 0.3394,
0.3187

 13.3363, 0.3755,
0.3045

213.0618, 0.3376,
0.3194

 7.6605, 0.3883,
0.2994

258.8167, 0.3361,
0.3200

 3.8785, 0.4074,
0.2916


310.6937, 0.3347,

 1.6058, 0.4392,

0.3206

0.2786


369.0772, 0.3334,
0.3210

 0.3615, 0.5758,
0.2284


 0.0000, 0.0000,
0.0000


 62.6647, 0.3502,
0.3145


 62.6647, 0.3502,
0.3145


 51.6939, 0.3726,
0.3080


 75.6344, 0.3320,
0.3209

 42.6139, 0.3998,
0.3017

 90.6869, 0.3172,
0.3270

 35.3197, 0.4322,
0.2964

 99.2524, 0.3103,
0.3290

 29.6922, 0.4691,
0.2928

■ 25.5980, 0.5090,
0.2922

■ 22.8826, 0.5484,
0.2954

■ 21.3590, 0.5829,
0.3026

■ 20.8338, 0.6012,
0.3086

Harmonies

Analogous

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



62.6647, 0.3223, 0.2943



62.6647, 0.3502, 0.3145



62.6647, 0.3681, 0.3388

Triad

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



62.6647, 0.3502, 0.3145



62.6647, 0.3308, 0.3807



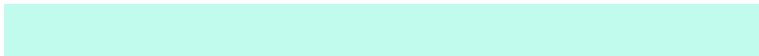
62.6647, 0.2582, 0.2928

Complementary

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



62.6647, 0.3502, 0.3145



86.3267, 0.2851, 0.3441

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.



62.6647, 0.2603, 0.3150



62.6647, 0.3502, 0.3145



62.6647, 0.3013, 0.3678

Square

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



62.6647, 0.3502, 0.3145



62.6647, 0.3562, 0.3779



62.6647, 0.2758, 0.3429



62.6647, 0.2698, 0.2815

Rectangle

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



62.6647, 0.3502, 0.3145



62.6647, 0.3713, 0.3548



62.6647, 0.2758, 0.3429



62.6647, 0.2574, 0.2992

Sweetspot

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



62.6676, 0.3502, 0.3145



88.2891, 0.3220, 0.3249



62.5429, 0.3043, 0.2683



18.6924, 0.3229, 0.3245



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.



62.6676, 0.3502, 0.3145



59.5703, 0.3598, 0.3116



68.8245, 0.3582, 0.3445



17.2927, 0.3257, 0.3234



10.9681, 0.5973, 0.3064



1.0316, 0.5645, 0.2883

Inverse Universe

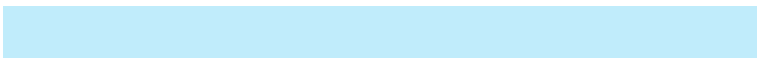
The Inverse Universe completely reimagines the original color for something new.



62.6676, 0.3502, 0.3145



59.5703, 0.3598, 0.3116



78.3146, 0.2766, 0.3129



17.2927, 0.3257, 0.3234



10.9681, 0.5973, 0.3064



1.0316, 0.5645, 0.2883

Previews

White Background



This preview shows how the Yxy color 62.6647, 0.3502, 0.3145 looks on a white background.

Color Contrast Check

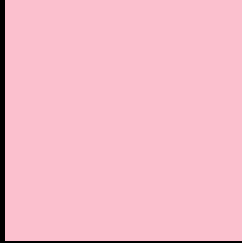
Large Text (above 18pt) WCAG AA × Fail

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 62.6647, 0.3502, 0.3145 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 62.6647, 0.3502, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 62.6647, 0.3502, 0.3145.



This preview shows how white text looks on a background with the Yxy color 62.6647, 0.3502, 0.3145.

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

62.6647, 0.3502, 0.3145

Protanopia

63.0360, 0.3093, 0.3210

Deuteranopia

62.7909, 0.3325, 0.3258



Tritanopia

62.7135, 0.3494, 0.3135

Trichromacy



Original Color

62.6647, 0.3502, 0.3145

Protanomaly

62.7915, 0.3233, 0.3191

Deuteranomaly

62.8005, 0.3386, 0.3215

Tritanomaly

62.7135, 0.3494, 0.3135

Monochromacy



Original Color

62.6647, 0.3502, 0.3145

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.9579, 0.3261, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6647, 0.3502, 0.3145 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, 192, 206)` looks like.

```
.text, #text, p{  
    color:rgb(251, 192, 206)  
}
```

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, 192, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 192, 206) }
```

Border

The CSS property to change the border of an element to Yxy 62.6647, 0.3502, 0.3145 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, 192, 206) }
```

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

```
.border{ border-color:rgb(251, 192, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 192, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 192, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 192, 206);  
box-shadow:4px 4px 4px 4px rgb(251, 192,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6647, 0.3502, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 192, 206) }
```

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

```
.background{ background-color: rgb(251,  
192, 206) }
```

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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