

# Converting Colors

Yxy(62.3366, 0.3397, 0.3163)

Have a look what the booklet for  
Yxy(62.3366, 0.3397, 0.3163)  
contains.

<b>Yxy(62.0605, 0.3399, 0.3162)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(62.0605, 0.3399, 0.3162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C3CF
RGB	240, 195, 207
RGB Percent	94%, 76%, 81%
CMY	0.0588, 0.2353, 0.1882
CMYK	0.00, 0.19, 0.14, 0.06
HSL	344°, 60%, 85%
HSV	344°, 19%, 94%
XYZ	66.7121, 62.0605, 67.4972
YIQ	209.8230, 22.9680, 13.2720

# Conversions

## Conversions Part 2

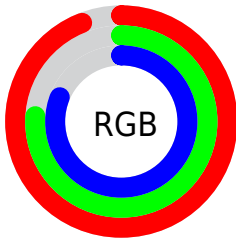
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 195, 207
Decimal	15778767
CIE <sub>Lab</sub>	82.95, 17.86, 0.06
CIE <sub>LCh</sub>	83, 17.861, 0.206
Yxy	62.0605, 0.3399, 0.3162
Android (android.graphics.Color)	4293968847 (0xFFFF0C3CF)
YUV	209.8230, -1.3917, 26.4652
Hunter-Lab	78.7785, 13.2970, 4.3454

# Details

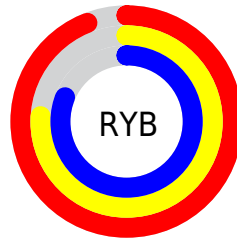
The Yxy color **62.0605, 0.3399, 0.3162** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5224, 0.2912, 0.3422**, and the grayscale version is **64.3263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **31.5400, 0.3471, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **51.3451, 0.3593, 0.3089**, and if you desaturate by 10%, it is **74.6059, 0.3241, 0.3232**.

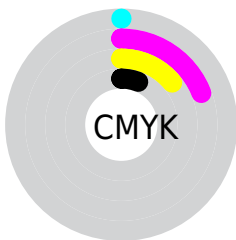
# Distribution



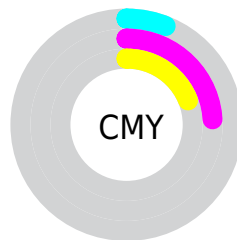
- Red (94%)
- Green (76%)
- Blue (81%)



- Red (94%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (6%)




- Cyan (6%)
- Magenta (24%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0605, 0.3399, 0.3162 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 62.0605, 0.3399, 0.3162 by changing the saturation by 10% instead.





 62.0605, 0.3399,  
0.3162

 62.0605, 0.3399,  
0.3162

432.1517, 0.3269,  
0.3223

 45.0816, 0.3430,  
0.3148


 107.8130, 0.3353,  
0.3184

 31.5217, 0.3468,  
0.3129


137.3553, 0.3336,  
0.3192

 20.9964, 0.3517,  
0.3106


171.8542, 0.3321,  
0.3199

 13.1214, 0.3583,  
0.3075

211.6942, 0.3308,  
0.3205

 7.5122, 0.3676,  
0.3031

257.2595, 0.3296,  
0.3210

 3.7844, 0.3816,  
0.2965

308.9346, 0.3286,

 1.5537, 0.4052,

0.3215

0.2853

367.1039, 0.3277,  
0.3219

0.3261, 0.5243,  
0.2292

0.0000, 0.0000,  
0.0000

62.0605, 0.3399,  
0.3162

62.0605, 0.3399,  
0.3162

51.3451, 0.3593,  
0.3089

74.6059, 0.3241,  
0.3232

42.3657, 0.3831,  
0.3017

89.0526, 0.3113,  
0.3298

35.0326, 0.4115,  
0.2950

97.2646, 0.3035,  
0.3290

29.2449, 0.4447,  
0.2898

■ 24.8902, 0.4817,  
0.2870

■ 21.8408, 0.5204,  
0.2878

■ 19.9461, 0.5571,  
0.2930

■ 18.9859, 0.5880,  
0.3021

■ 18.8949, 0.5915,  
0.3032

# Harmonies

## Analogous

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



62.0605, 0.3181, 0.3007



62.0605, 0.3399, 0.3162



62.0605, 0.3545, 0.3352

# Triad

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



62.0605, 0.3399, 0.3162



62.0605, 0.3289, 0.3689



62.0605, 0.2699, 0.3025

# Complementary

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



62.0605, 0.3399, 0.3162



79.5224, 0.2912, 0.3422

# 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.



62.0605, 0.2727, 0.3204



62.0605, 0.3399, 0.3162



62.0605, 0.3062, 0.3600

# Square

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



62.0605, 0.3399, 0.3162



62.0605, 0.3478, 0.3661



62.0605, 0.2857, 0.3418



62.0605, 0.2781, 0.2925



# Rectangle

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



62.0605, 0.3399, 0.3162



62.0605, 0.3578, 0.3478



62.0605, 0.2857, 0.3418



62.0605, 0.2696, 0.3078

# Sweetspot

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



62.0633, 0.3399, 0.3162



89.9220, 0.3203, 0.3251



61.6959, 0.3052, 0.2811



19.0226, 0.3212, 0.3246



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.



62.0633, 0.3399, 0.3162



66.9088, 0.3459, 0.3138



66.0105, 0.3476, 0.3396



15.8281, 0.3251, 0.3227



10.3625, 0.5875, 0.3010



0.8780, 0.5504, 0.2805



# Inverse Universe

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



62.0633, 0.3399, 0.3162



66.9088, 0.3459, 0.3138



74.6262, 0.2839, 0.3182



15.8281, 0.3251, 0.3227



10.3625, 0.5875, 0.3010



0.8780, 0.5504, 0.2805



# Previews

## White Background



This preview shows how the Yxy color 62.0605, 0.3399, 0.3162 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

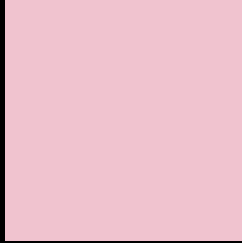
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.0605, 0.3399, 0.3162 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

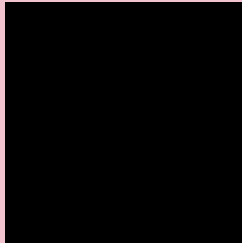
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.0605, 0.3399, 0.3162**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.0605, 0.3399, 0.3162.



This preview shows how white text looks on a background with the Yxy color 62.0605, 0.3399, 0.3162.

# 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

62.0605, 0.3399, 0.3162

### Protanopia

62.5020, 0.3101, 0.3210

### Deuteranopia

62.0957, 0.3296, 0.3224



## Tritanopia

62.2086, 0.3375, 0.3130

# Trichromacy



## Original Color

62.0605, 0.3399, 0.3162

## Protanomaly

62.1599, 0.3201, 0.3189

## Deuteranomaly

62.0002, 0.3338, 0.3203

## Tritanomaly

62.1589, 0.3383, 0.3141

# Monochromacy



## Original Color

62.0605, 0.3399, 0.3162

## Achromatopsia

64.4480, 0.3127, 0.3290

## Achromatomaly

63.6382, 0.3221, 0.3246

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.0605, 0.3399, 0.3162 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(240, 195, 207)` looks like.

```
.text, #text, p{  
    color:rgb(240, 195, 207)  
}
```

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(240, 195, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 195, 207) }
```

## Border

The CSS property to change the border of an element to Yxy 62.0605, 0.3399, 0.3162 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(240, 195, 207) }
```

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

```
.border{ border-color:rgb(240, 195, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 195, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 195, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 195, 207);  
box-shadow:4px 4px 4px 4px rgb(240, 195,  
207) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.0605, 0.3399, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 195, 207) }
```

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

```
.background{ background-color: rgb(240,  
195, 207) }
```

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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