

# Converting Colors

Yxy(62.0318, 0.3270, 0.2988)

Have a look what the booklet for  
Yxy(62.0318, 0.3270, 0.2988)  
contains.

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# **Color**

**Yxy(62.0346, 0.3268, 0.2993)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEC2DE
RGB	238, 194, 222
RGB Percent	93%, 76%, 87%
CMY	0.0667, 0.2392, 0.1295
CMYK	0.00, 0.18, 0.07, 0.07
HSL	322°, 56%, 85%
HSV	322°, 18%, 93%
XYZ	67.7344, 62.0346, 77.4966
YIQ	210.3480, 17.2360, 18.0360

# Conversions

## Conversions Part 2

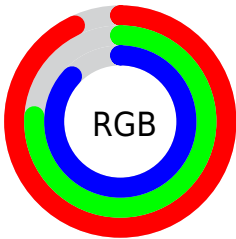
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 194, 222
Decimal	15647454
CIE <sub>Lab</sub>	82.93, 20.18, -8.00
CIE <sub>LCh</sub>	83, 21.705, 338.383
Yxy	62.0346, 0.3268, 0.2993
Android (android.graphics.Color)	4293837534 (0xFFEEC2DE)
YUV	210.3480, 5.7444, 24.2508
Hunter-Lab	78.7620, 15.6743, -3.2040

# Details

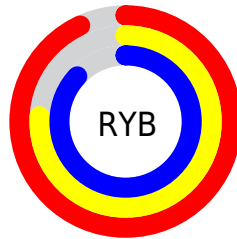
The Yxy color **62.0346, 0.3268, 0.2993** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.2750, 0.3009, 0.3607**, and the grayscale version is **64.6435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **31.4913, 0.3304, 0.2919** is the 20% darker color. If you saturate the color by 10%, you get **51.8248, 0.3364, 0.2825**, and if you desaturate by 10%, it is **73.9703, 0.3186, 0.3157**.

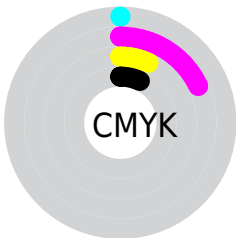
# Distribution



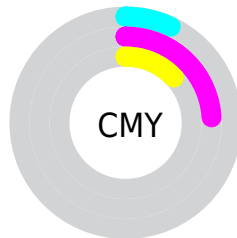
- Red (93%)
- Green (76%)
- Blue (87%)



- Red (93%)
- Yellow (76%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (7%)
- Black (7%)




- Cyan (7%)
- Magenta (24%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0346, 0.3268, 0.2993 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 62.0346, 0.3268, 0.2993 by changing the saturation by 10% instead.




 62.0346, 0.3268,  
0.2993

 62.0346, 0.3268,  
0.2993

432.0573, 0.3203,  
0.3131

 45.0607, 0.3283,  
0.2961


 107.7755, 0.3245,  
0.3041

 31.5052, 0.3302,  
0.2922


137.3113, 0.3236,  
0.3060

 20.9839, 0.3325,  
0.2873


171.8032, 0.3229,  
0.3076

 13.1122, 0.3356,  
0.2807

211.6355, 0.3222,  
0.3090

 7.5059, 0.3398,  
0.2718

257.1927, 0.3216,  
0.3102

 3.7804, 0.3460,  
0.2589

308.8591, 0.3211,

 1.5515, 0.3556,

0.3113

0.2386

367.0192, 0.3207,  
0.3122

0.3246, 0.3931,  
0.1593

0.0000, 0.0000,  
0.0000

62.0346, 0.3268,  
0.2993

62.0346, 0.3268,  
0.2993

51.8248, 0.3364,  
0.2825

73.9703, 0.3186,  
0.3157

43.2517, 0.3477,  
0.2658

87.6993, 0.3118,  
0.3313

36.2307, 0.3605,  
0.2500

96.4737, 0.3063,  
0.3359

30.6658, 0.3749,  
0.2360

96.9175, 0.3023,  
0.3290

■ 26.4508, 0.3905,  
0.2252

■ 23.4646, 0.4069,  
0.2184

■ 21.5642, 0.4234,  
0.2167

■ 20.5439, 0.4394,  
0.2201

■ 20.4225, 0.4419,  
0.2208

# Harmonies

## Analogous

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



62.0346, 0.2988, 0.2864



62.0346, 0.3268, 0.2993



62.0346, 0.3518, 0.3194

# Triad

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



62.0346, 0.3268, 0.2993



62.0346, 0.3499, 0.3764



62.0346, 0.2621, 0.3116

# Complementary

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



62.0346, 0.3268, 0.2993



77.2750, 0.3009, 0.3607

# 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.



62.0346, 0.2746, 0.3373



62.0346, 0.3268, 0.2993



62.0346, 0.3248, 0.3763

# Square

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



62.0346, 0.3268, 0.2993



62.0346, 0.3653, 0.3635



62.0346, 0.2973, 0.3617



62.0346, 0.2625, 0.2923



# Rectangle

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



62.0346, 0.3268, 0.2993



62.0346, 0.3629, 0.3348



62.0346, 0.2973, 0.3617



62.0346, 0.2649, 0.3198

# Sweetspot

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



62.0373, 0.3268, 0.2993



90.2700, 0.3168, 0.3196



58.3747, 0.2933, 0.2800



19.1048, 0.3173, 0.3186



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.



62.0373, 0.3268, 0.2993



68.0342, 0.3301, 0.2933



60.9630, 0.3435, 0.3219



15.9280, 0.3194, 0.3141



11.4192, 0.4395, 0.2195



0.9690, 0.4197, 0.2086



# Inverse Universe

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



62.0373, 0.3268, 0.2993



68.0342, 0.3301, 0.2933



78.4128, 0.2886, 0.3362



15.9280, 0.3194, 0.3141



11.4192, 0.4395, 0.2195



0.9690, 0.4197, 0.2086



# Previews

## White Background



This preview shows how the Yxy color 62.0346, 0.3268, 0.2993 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

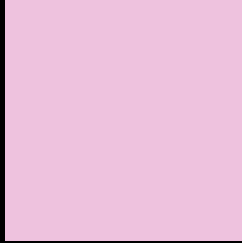
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.0346, 0.3268, 0.2993 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 62.0346, 0.3268, 0.2993**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.0346, 0.3268, 0.2993.



This preview shows how white text looks on a background with the Yxy color 62.0346, 0.3268, 0.2993.

# 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

62.0346, 0.3268, 0.2993

### Protanopia

62.1572, 0.2956, 0.3018

### Deuteranopia

62.2094, 0.3130, 0.3069



## Tritanopia

62.1875, 0.3342, 0.3129

# Trichromacy



## Original Color

62.0346, 0.3268, 0.2993

## Protanomaly

61.8632, 0.3064, 0.3012

## Deuteranomaly

61.9395, 0.3186, 0.3039

## Tritanomaly

61.9410, 0.3312, 0.3076

# Monochromacy



## Original Color

62.0346, 0.3268, 0.2993

## Achromatopsia

64.4480, 0.3127, 0.3290

## Achromatomaly

63.2564, 0.3178, 0.3179

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.0346, 0.3268, 0.2993 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(238, 194, 222)` looks like.

```
.text, #text, p{  
    color:rgb(238, 194, 222)  
}
```

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(238, 194, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 194, 222) }
```

## Border

The CSS property to change the border of an element to Yxy 62.0346, 0.3268, 0.2993 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(238, 194, 222) }
```

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

```
.border{ border-color:rgb(238, 194, 222) }
```

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

Here you see how a box with a 4 pixel rgb(238, 194, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 194, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 194, 222);  
box-shadow:4px 4px 4px 4px rgb(238, 194,  
222) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.0346, 0.3268, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 194, 222) }
```

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

```
.background{ background-color: rgb(238,  
194, 222) }
```

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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