

Converting Colors

$Y_{xy}(57.3090, 0.3222, 0.3002)$

Have a look what the booklet for
Yxy(57.3090, 0.3222, 0.3002)
contains.

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Color

Yxy(57.3090, 0.3222, 0.3002)

Conversions

Conversions Part 1

Format	Color
Hex	E1BDD7
RGB	225, 189, 215
RGB Percent	88%, 74%, 84%
CMY	0.1177, 0.2588, 0.1570
CMYK	0.00, 0.16, 0.04, 0.12
HSL	317°, 37%, 81%
HSV	317°, 16%, 88%
XYZ	61.5089, 57.3090, 72.0849
YIQ	202.7280, 13.1100, 15.7180

Conversions

Conversions Part 2

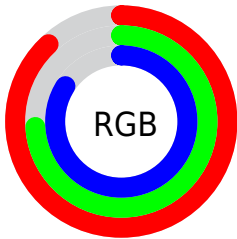
Format	Color
R _Y B	225, 189, 215
Decimal	14794199
CIE Lab	80.35, 17.17, -8.18
CIE LCh	80, 19.020, 334.511
Yxy	57.3090, 0.3222, 0.3002
Android (android.graphics.Color)	4292984279 (0xFFE1BDD7)
YUV	202.7280, 6.0501, 19.5325
Hunter-Lab	75.7027, 12.5525, -3.4646

Details

The Yxy color **57.3090, 0.3222, 0.3002** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.7924, 0.3044, 0.3596**, and the grayscale version is **59.4968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **28.5814, 0.3242, 0.2940** is the 20% darker color. If you saturate the color by 10%, you get **48.0541, 0.3295, 0.2815**, and if you desaturate by 10%, it is **68.0827, 0.3160, 0.3185**.

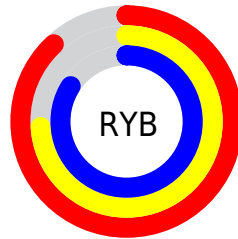
Distribution



Red (88%)

Green (74%)

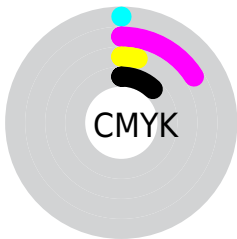
Blue (84%)



Red (88%)

Yellow (74%)

Blue (84%)

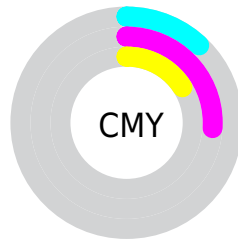


Cyan (0%)

Magenta (16%)

Yellow (4%)

Black (12%)



Cyan (12%)


Magenta (26%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3090, 0.3222, 0.3002 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 57.3090, 0.3222, 0.3002 by changing the saturation by 10% instead.


 57.3090, 0.3222,
0.3002

 57.3090, 0.3222,
0.3002


414.6062, 0.3178,
0.3138

 41.2534, 0.3232,
0.2970


 100.9159, 0.3207,
0.3050

 28.5171, 0.3245,
0.2931


129.2360, 0.3201,
0.3068

 18.7158, 0.3261,
0.2880


162.4130, 0.3195,
0.3084

 11.4651, 0.3282,
0.2813

200.8314, 0.3191,
0.3097

 6.3806, 0.3311,
0.2720

244.8755, 0.3187,
0.3109

 3.0779, 0.3353,
0.2583

294.9297, 0.3184,

 1.1725, 0.3420,

0.3120

0.2359

351.3785, 0.3181,
0.3129

0.0391, 0.4110,
0.0352

0.0000, 0.0000,
0.0000

57.3090, 0.3222,
0.3002

57.3090, 0.3222,
0.3002

48.0541, 0.3295,
0.2815

68.0827, 0.3160,
0.3185

40.2415, 0.3378,
0.2627

80.4325, 0.3107,
0.3359

33.7990, 0.3472,
0.2448

93.4541, 0.3063,
0.3507

28.6455, 0.3576,
0.2287

93.8205, 0.3028,
0.3442

■ 24.6910, 0.3688,
0.2154

■ 94.1999, 0.2993,
0.3377

■ 21.8341, 0.3804,
0.2059

■ 94.5922, 0.2959,
0.3314

■ 19.9564, 0.3921,
0.2011

■ 94.7464, 0.2946,
0.3289

■ 18.9113, 0.4035,
0.2012

■ 18.6250, 0.4080,
0.2021

Harmonies

Analogous

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



57.3090, 0.2972, 0.2896



57.3090, 0.3222, 0.3002



57.3090, 0.3454, 0.3178

Triad

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



57.3090, 0.3222, 0.3002



57.3090, 0.3486, 0.3708



57.3090, 0.2679, 0.3163

Complementary

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



57.3090, 0.3222, 0.3002



68.7924, 0.3044, 0.3596

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.



57.3090, 0.2806, 0.3396



57.3090, 0.3222, 0.3002



57.3090, 0.3269, 0.3721

Square

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



57.3090, 0.3222, 0.3002



57.3090, 0.3609, 0.3581



57.3090, 0.3020, 0.3606



57.3090, 0.2666, 0.2978

Rectangle

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



57.3090, 0.3222, 0.3002



57.3090, 0.3563, 0.3316



57.3090, 0.3020, 0.3606



57.3090, 0.2709, 0.3238

Sweetspot

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



57.3115, 0.3222, 0.3002



91.9064, 0.3154, 0.3202



53.9250, 0.2940, 0.2870



19.4375, 0.3158, 0.3189



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.



57.3115, 0.3222, 0.3002



72.0484, 0.3244, 0.2943



56.4570, 0.3361, 0.3196



13.8670, 0.3180, 0.3122



10.7542, 0.4063, 0.2012



0.7604, 0.3901, 0.1923

Inverse Universe

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



57.3115, 0.3222, 0.3002



72.0484, 0.3244, 0.2943



69.6558, 0.2936, 0.3387



13.8670, 0.3180, 0.3122



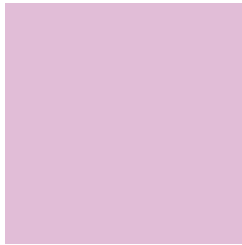
10.7542, 0.4063, 0.2012



0.7604, 0.3901, 0.1923

Previews

White Background



This preview shows how the Yxy color 57.3090, 0.3222, 0.3002 looks on a white background.

Color Contrast Check

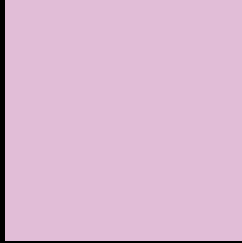
Large Text (above 18pt) WCAG AA × Fail

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 57.3090, 0.3222, 0.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

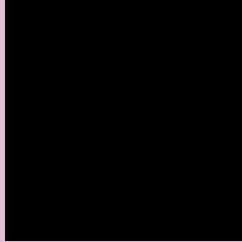
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3090, 0.3222, 0.3002

Background



This preview shows how black text looks on a background with the Yxy color 57.3090, 0.3222, 0.3002.



This preview shows how white text looks on a background with the Yxy color 57.3090, 0.3222, 0.3002.

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

57.3090, 0.3222, 0.3002

Protanopia

57.4789, 0.2957, 0.3021

Deuteranopia

57.4357, 0.3122, 0.3061



Tritanopia

57.5167, 0.3290, 0.3133

Trichromacy



Original Color

57.3090, 0.3222, 0.3002

Protanomaly

57.4101, 0.3047, 0.3014

Deuteranomaly

57.3060, 0.3163, 0.3041

Tritanomaly

57.2777, 0.3259, 0.3077

Monochromacy



Original Color

57.3090, 0.3222, 0.3002

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.7420, 0.3163, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3090, 0.3222, 0.3002 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(225, 189, 215)` looks like.

```
.text, #text, p{  
    color:rgb(225, 189, 215)  
}
```

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(225, 189, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 189, 215) }
```

Border

The CSS property to change the border of an element to Yxy 57.3090, 0.3222, 0.3002 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(225, 189, 215) }
```

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

```
.border{ border-color:rgb(225, 189, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 189, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 189, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 189, 215);  
box-shadow:4px 4px 4px 4px rgb(225, 189,  
215) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 57.3090, 0.3222, 0.3002$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 189, 215) }
```

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

```
.background{ background-color: rgb(225,  
189, 215) }
```

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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