

Converting Colors

Yxy(57.4237, 0.3236, 0.3009)

Have a look what the booklet for
Yxy(57.4237, 0.3236, 0.3009)
contains.

Yxy(57.4190, 0.3238, 0.3013)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(57.4190, 0.3238, 0.3013)

Conversions

Conversions Part 1

Format	Color
Hex	E2BDD6
RGB	226, 189, 214
RGB Percent	89%, 74%, 84%
CMY	0.1136, 0.2589, 0.1608
CMYK	0.00, 0.16, 0.05, 0.11
HSL	320°, 39%, 81%
HSV	320°, 16%, 89%
XYZ	61.7068, 57.4190, 71.4450
YIQ	202.9130, 14.0270, 15.6190

Conversions

Conversions Part 2

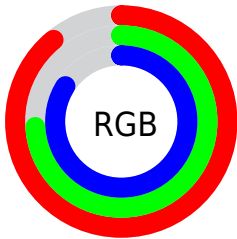
Format	Color
R_{YB}	226, 189, 214
Decimal	14859734
CIE _{Lab}	80.41, 17.37, -7.56
CIE _{LCh}	80, 18.941, 336.472
Yxy	57.4190, 0.3238, 0.3013
Android (android.graphics.Color)	4293049814 (0xFFE2BDD6)
YUV	202.9130, 5.4659, 20.2473
Hunter-Lab	75.7753, 12.7528, -2.8590

Details

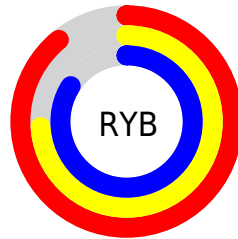
The Yxy color **57.4190, 0.3238, 0.3013** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4491, 0.3031, 0.3584**, and the grayscale version is **59.6252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **28.6576, 0.3263, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **48.0766, 0.3322, 0.2836**, and if you desaturate by 10%, it is **68.2988, 0.3167, 0.3185**.

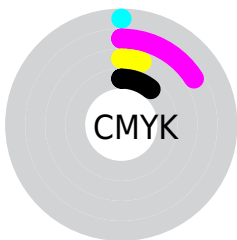
Distribution



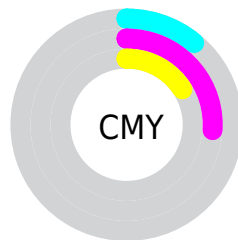
- Red (89%)
- Green (74%)
- Blue (84%)



- Red (89%)
- Yellow (74%)
- Blue (84%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (11%)





- Cyan (11%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4190, 0.3238, 0.3013 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 57.4190, 0.3238, 0.3013 by changing the saturation by 10% instead.

 57.4190, 0.3238,
0.3013

 57.4190, 0.3238,
0.3013

415.0175, 0.3186,
0.3144

 41.3417, 0.3250,
0.2983

 101.0763, 0.3220,
0.3059

 28.5862, 0.3265,
0.2945


129.4251, 0.3213,
0.3077

 18.7680, 0.3284,
0.2896


162.6333, 0.3207,
0.3092

 11.5028, 0.3310,
0.2831

201.0851, 0.3201,
0.3105

 6.4061, 0.3345,
0.2741

245.1651, 0.3197,
0.3116

 3.0935, 0.3397,
0.2608

295.2575, 0.3193,

 1.1808, 0.3480,

0.3127

0.2392

351.7469, 0.3189,
0.3136

0.0459, 0.4281,
0.0420

0.0000, 0.0000,
0.0000

57.4190, 0.3238,
0.3013

57.4190, 0.3238,
0.3013

48.0766, 0.3322,
0.2836

68.2988, 0.3167,
0.3185

40.1937, 0.3419,
0.2660

80.7741, 0.3107,
0.3348

33.6973, 0.3530,
0.2491

93.7530, 0.3057,
0.3483

28.5048, 0.3653,
0.2339

94.1890, 0.3016,
0.3407

■ 24.5247, 0.3787,
0.2215

■ 94.6428, 0.2975,
0.3332

■ 21.6537, 0.3927,
0.2131

■ 94.9147, 0.2952,
0.3289

■ 19.7712, 0.4069,
0.2094

■ 18.7257, 0.4208,
0.2107

■ 18.4601, 0.4258,
0.2119

Harmonies

Analogous

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



57.4190, 0.2988, 0.2902



57.4190, 0.3238, 0.3013



57.4190, 0.3465, 0.3192

Triad

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



57.4190, 0.3238, 0.3013



57.4190, 0.3472, 0.3710



57.4190, 0.2676, 0.3149

Complementary

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



57.4190, 0.3238, 0.3013



69.4491, 0.3031, 0.3584

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.



57.4190, 0.2796, 0.3380



57.4190, 0.3238, 0.3013



57.4190, 0.3252, 0.3716

Square

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



57.4190, 0.3238, 0.3013



57.4190, 0.3602, 0.3590



57.4190, 0.3005, 0.3593



57.4190, 0.2672, 0.2970

Rectangle

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



57.4190, 0.3238, 0.3013



57.4190, 0.3569, 0.3330



57.4190, 0.3005, 0.3593



57.4190, 0.2704, 0.3224

Sweetspot

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



57.4215, 0.3238, 0.3013



91.8691, 0.3158, 0.3207



54.2643, 0.2949, 0.2860



19.4284, 0.3163, 0.3195



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.



57.4215, 0.3238, 0.3013



70.6436, 0.3268, 0.2947



56.5424, 0.3383, 0.3214



13.8559, 0.3187, 0.3133



10.5503, 0.4237, 0.2108



0.7475, 0.4039, 0.1999

Inverse Universe

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



57.4215, 0.3238, 0.3013



70.6436, 0.3268, 0.2947



70.3579, 0.2920, 0.3368



13.8559, 0.3187, 0.3133



10.5503, 0.4237, 0.2108



0.7475, 0.4039, 0.1999

Previews

White Background



This preview shows how the Yxy color 57.4190, 0.3238, 0.3013 looks on a white background.

Color Contrast Check

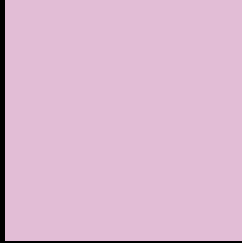
Large Text (above 18pt) WCAG AA × Fail

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 57.4190, 0.3238, 0.3013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

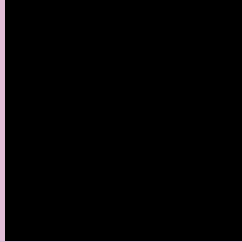
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4190, 0.3238, 0.3013

Background



This preview shows how black text looks on a background with the Yxy color 57.4190, 0.3238, 0.3013.



This preview shows how white text looks on a background with the Yxy color 57.4190, 0.3238, 0.3013.

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

57.4190, 0.3238, 0.3013

Protanopia

57.4258, 0.2964, 0.3032

Deuteranopia

57.5338, 0.3137, 0.3073



Tritanopia

57.2422, 0.3299, 0.3122

Trichromacy



Original Color

57.4190, 0.3238, 0.3013

Protanomaly

57.5021, 0.3061, 0.3026

Deuteranomaly

57.4088, 0.3178, 0.3053

Tritanomaly

57.3885, 0.3275, 0.3089

Monochromacy



Original Color

57.4190, 0.3238, 0.3013

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 57.4190, 0.3238, 0.3013 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(226, 189, 214)` looks like.

```
.text, #text, p{  
    color:rgb(226, 189, 214)  
}
```

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(226, 189, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 189, 214) }
```

Border

The CSS property to change the border of an element to Yxy 57.4190, 0.3238, 0.3013 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(226, 189, 214) }
```

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

```
.border{ border-color:rgb(226, 189, 214) }
```

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

Here you see how a box with a 4 pixel rgb(226, 189, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 189, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 189, 214);  
box-shadow:4px 4px 4px 4px rgb(226, 189,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4190, 0.3238, 0.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 189, 214) }
```

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

```
.background{ background-color: rgb(226,  
189, 214) }
```

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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