

Converting Colors

Yxy(56.8592, 0.3145, 0.2863)

Have a look what the booklet for
Yxy(56.8592, 0.3145, 0.2863)
contains.

Yxy(57.0392, 0.3139, 0.2863)	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(57.0392, 0.3139, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	E1BBE2
RGB	225, 187, 226
RGB Percent	88%, 73%, 89%
CMY	0.1178, 0.2666, 0.1138
CMYK	0.00, 0.17, 0.00, 0.11
HSL	298°, 40%, 81%
HSV	298°, 17%, 89%
XYZ	62.5379, 57.0392, 79.6517
YIQ	202.8080, 10.1290, 20.1850

Conversions

Conversions Part 2

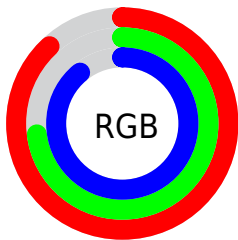
Format	Color
R _Y B	225, 187, 226
Decimal	14793698
CIE _{Lab}	80.20, 20.22, -14.34
CIE _{LCh}	80, 24.791, 324.649
Y _{xy}	57.0392, 0.3139, 0.2863
Android (android.graphics.Color)	4292983778 (0xFFE1BBE2)
YUV	202.8080, 11.4337, 19.4624
Hunter-Lab	75.5243, 15.6394, -9.6632

Details

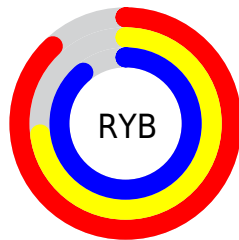
The Yxy color $57.0392, 0.3139, 0.2863$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $68.6689, 0.3112, 0.3755$, and the grayscale version is $59.5156, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $28.4255, 0.3131, 0.2760$ is the 20% darker color. If you saturate the color by 10%, you get $48.0995, 0.3145, 0.2611$, and if you desaturate by 10%, it is $67.4929, 0.3132, 0.3113$.

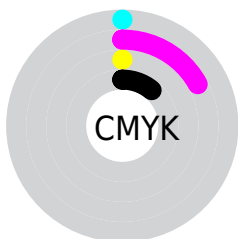
Distribution



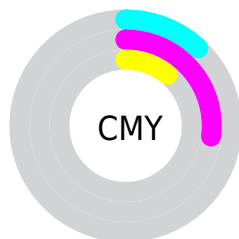
- Red (88%)
- Green (73%)
- Blue (89%)



- Red (88%)
- Yellow (73%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)




- Cyan (12%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0392, 0.3139, 0.2863 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 57.0392, 0.3139, 0.2863 by changing the saturation by 10% instead.


 57.0392, 0.3139,
0.2863

 57.0392, 0.3139,
0.2863

413.5962, 0.3136,
0.3062

 41.0367, 0.3139,
0.2817

 100.5224, 0.3139,
0.2932

 28.3478, 0.3139,
0.2760


128.7719, 0.3138,
0.2959

 18.5880, 0.3137,
0.2688


161.8725, 0.3138,
0.2983

 11.3729, 0.3135,
0.2593

200.2086, 0.3138,
0.3003

 6.3183, 0.3129,
0.2463

244.1646, 0.3137,
0.3020

 3.0396, 0.3117,
0.2275

294.1250, 0.3137,

 1.1524, 0.3086,

0.3036

0.1981

350.4740, 0.3137,
0.3050

0.0223, 0.3288,
0.0143

0.0000, 0.0000,
0.0000

57.0392, 0.3139,
0.2863

57.0392, 0.3139,
0.2863

48.0995, 0.3145,
0.2611

67.4929, 0.3132,
0.3113

40.5961, 0.3150,
0.2366


79.5190, 0.3125,
0.3356

34.4555, 0.3154,
0.2137

93.1819, 0.3118,
0.3586

29.5946, 0.3156,
0.1935

93.3946, 0.3122,
0.3587


 25.9216, 0.3156,
0.1767


 93.4913, 0.3125,
0.3587


 23.3322, 0.3154,
0.1640


 93.5882, 0.3129,
0.3587


 21.7042, 0.3150,
0.1557

 93.6855, 0.3133,
0.3586

 20.8763, 0.3145,
0.1513

 93.7831, 0.3136,
0.3586

 20.7154, 0.3143,
0.1505

 93.8811, 0.3140,
0.3586

Harmonies

Analogous

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



57.0392, 0.2828, 0.2763



57.0392, 0.3139, 0.2863



57.0392, 0.3462, 0.3062

Triad

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



57.0392, 0.3139, 0.2863



57.0392, 0.3664, 0.3791



57.0392, 0.2585, 0.3216

Complementary

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



57.0392, 0.3139, 0.2863



68.6689, 0.3112, 0.3755

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.



57.0392, 0.2789, 0.3528



57.0392, 0.3139, 0.2863



57.0392, 0.3410, 0.3870

Square

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



57.0392, 0.3139, 0.2863



57.0392, 0.3773, 0.3585



57.0392, 0.3089, 0.3776



57.0392, 0.2521, 0.2947

Rectangle

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



57.0392, 0.3139, 0.2863



57.0392, 0.3635, 0.3231



57.0392, 0.3089, 0.3776



57.0392, 0.2639, 0.3320

Sweetspot

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



57.0417, 0.3139, 0.2863



92.0699, 0.3131, 0.3168



52.1615, 0.2846, 0.2840



19.4773, 0.3131, 0.3150



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.



57.0417, 0.3139, 0.2863



70.1983, 0.3141, 0.2765



56.2604, 0.3288, 0.3058



13.9164, 0.3134, 0.3059



11.8288, 0.3144, 0.1506



0.8258, 0.3155, 0.1512

Inverse Universe

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



55.3489, 0.3449, 0.3279



67.5482, 0.3541, 0.3277



69.3685, 0.2992, 0.3534



13.7063, 0.3288, 0.3284



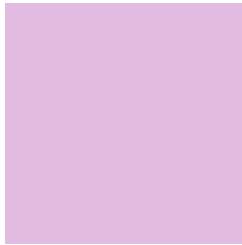
9.2344, 0.6371, 0.3284



0.6422, 0.6286, 0.3237

Previews

White Background



This preview shows how the Yxy color 57.0392, 0.3139, 0.2863 looks on a white background.

Color Contrast Check

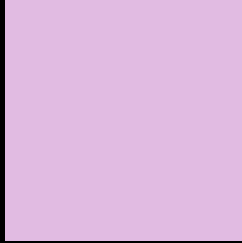
Large Text (above 18pt) WCAG AA × Fail

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 57.0392, 0.3139, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

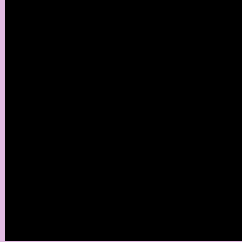
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0392, 0.3139, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 57.0392, 0.3139, 0.2863.



This preview shows how white text looks on a background with the Yxy color 57.0392, 0.3139, 0.2863.

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

57.0392, 0.3139, 0.2863

Protanopia

57.0222, 0.2841, 0.2872

Deuteranopia

57.1416, 0.2997, 0.2935



Tritanopia

57.1990, 0.3273, 0.3132

Trichromacy



Original Color

57.0392, 0.3139, 0.2863

Protanomaly

56.6905, 0.2947, 0.2868

Deuteranomaly

56.8440, 0.3051, 0.2907

Tritanomaly

57.3190, 0.3220, 0.3033

Monochromacy



Original Color

57.0392, 0.3139, 0.2863

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.4845, 0.3135, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0392, 0.3139, 0.2863 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, 187, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 187, 226)  
}
```

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, 187, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 187, 226) }
```

Border

The CSS property to change the border of an element to Yxy 57.0392, 0.3139, 0.2863 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, 187, 226) }
```

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

```
.border{ border-color:rgb(225, 187, 226) }
```

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

Here you see how a box with a 4 pixel rgb(225, 187, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 187, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 187, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 187,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0392, 0.3139, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 187, 226) }
```

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

```
.background{ background-color: rgb(225,  
187, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor