

Converting Colors

Yxy(57.9769, 0.3143, 0.2817)

Have a look what the booklet for
Yxy(57.9769, 0.3143, 0.2817)
contains.

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Color

Yxy(58.1332, 0.3141, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	E6BBE7
RGB	230, 187, 231
RGB Percent	90%, 73%, 91%
CMY	0.0982, 0.2666, 0.0941
CMYK	0.00, 0.19, 0.00, 0.09
HSL	299°, 48%, 82%
HSV	299°, 19%, 91%
XYZ	64.8194, 58.1332, 83.4130
YIQ	204.8730, 11.5040, 22.8000

Conversions

Conversions Part 2

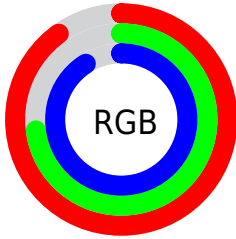
Format	Color
R _Y B	230, 187, 231
Decimal	15121383
CIE Lab	80.81, 22.81, -16.08
CIE LCh	81, 27.911, 324.815
Yxy	58.1332, 0.3141, 0.2817
Android (android.graphics.Color)	4293311463 (0xFFE6BBE7)
YUV	204.8730, 12.8806, 22.0364
Hunter-Lab	76.2451, 18.3220, -11.4923

Details

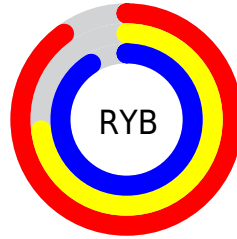
The Yxy color **58.1332, 0.3141, 0.2817** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.4463, 0.3110, 0.3811**, and the grayscale version is **60.8767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **29.1440, 0.3143, 0.2717** is the 20% darker color. If you saturate the color by 10%, you get **49.0178, 0.3147, 0.2566**, and if you desaturate by 10%, it is **68.8306, 0.3134, 0.3068**.

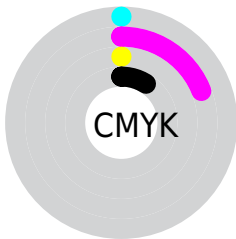
Distribution



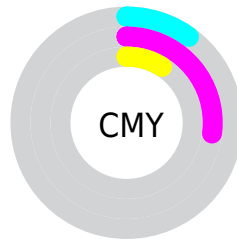
- Red (90%)
- Green (73%)
- Blue (91%)



- Red (90%)
- Yellow (73%)
- Blue (91%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)





- Cyan (10%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1332, 0.3141, 0.2817 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 58.1332, 0.3141, 0.2817 by changing the saturation by 10% instead.


 58.1332, 0.3141,
0.2817

 58.1332, 0.3141,
0.2817


417.6821, 0.3138,
0.3036

 41.9157, 0.3141,
0.2767


 102.1168, 0.3141,
0.2893

 29.0353, 0.3140,
0.2705


130.6517, 0.3140,
0.2923

 19.1075, 0.3139,
0.2627


164.0613, 0.3140,
0.2948

 11.7480, 0.3136,
0.2525

202.7299, 0.3139,
0.2970

 6.5723, 0.3129,
0.2387

247.0418, 0.3139,
0.2990

 3.1961, 0.3115,
0.2190


297.3816, 0.3139,

 1.2350, 0.3080,


0.3007


0.1887


354.1335, 0.3138,
0.3022


 0.0900, 0.3247,
0.0455


 0.0000, 0.0000,
0.0000


 58.1332, 0.3141,
0.2817


 58.1332, 0.3141,
0.2817


 49.0178, 0.3147,
0.2566


 68.8306, 0.3134,
0.3068

 41.4015, 0.3153,
0.2323

 81.1725, 0.3126,
0.3313

 35.2056, 0.3157,
0.2098

 94.3813, 0.3119,
0.3533

 30.3408, 0.3159,
0.1902

 94.4732, 0.3123,
0.3533

■ 26.7081, 0.3159,
0.1741

■ 94.5654, 0.3126,
0.3532

■ 24.1945, 0.3158,
0.1623

■ 94.6580, 0.3130,
0.3532

■ 22.6663, 0.3154,
0.1548

■ 94.7508, 0.3133,
0.3532

■ 21.9168, 0.3150,
0.1511

■ 94.8439, 0.3137,
0.3532

■ 21.8604, 0.3149,
0.1508

■ 94.9372, 0.3140,
0.3531

Harmonies

Analogous

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



58.1332, 0.2794, 0.2705



58.1332, 0.3141, 0.2817



58.1332, 0.3503, 0.3037

Triad

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



58.1332, 0.3141, 0.2817



58.1332, 0.3725, 0.3849



58.1332, 0.2523, 0.3203

Complementary

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



58.1332, 0.3141, 0.2817



71.4463, 0.3110, 0.3811

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.



58.1332, 0.2748, 0.3555



58.1332, 0.3141, 0.2817



58.1332, 0.3440, 0.3941

Square

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



58.1332, 0.3141, 0.2817



58.1332, 0.3850, 0.3616



58.1332, 0.3081, 0.3837



58.1332, 0.2453, 0.2904

Rectangle

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



58.1332, 0.3141, 0.2817



58.1332, 0.3698, 0.3224



58.1332, 0.3081, 0.3837



58.1332, 0.2582, 0.3320

Sweetspot

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



58.1357, 0.3141, 0.2817



90.5547, 0.3132, 0.3143



52.5113, 0.2813, 0.2786



19.1722, 0.3132, 0.3127



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.



58.1357, 0.3141, 0.2817



67.8542, 0.3144, 0.2714



57.2164, 0.3308, 0.3032



14.5968, 0.3134, 0.3058



12.2622, 0.3150, 0.1509



0.9117, 0.3159, 0.1514

Inverse Universe

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



56.1729, 0.3492, 0.3279



64.9634, 0.3593, 0.3277



72.2569, 0.2978, 0.3563



14.3735, 0.3289, 0.3285



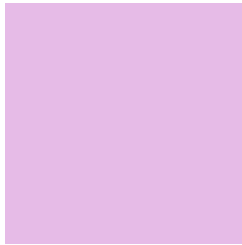
9.5335, 0.6375, 0.3285



0.7065, 0.6301, 0.3245

Previews

White Background



This preview shows how the Yxy color 58.1332, 0.3141, 0.2817 looks on a white background.

Color Contrast Check

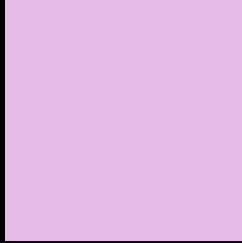
Large Text (above 18pt) WCAG AA × Fail

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 58.1332, 0.3141, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

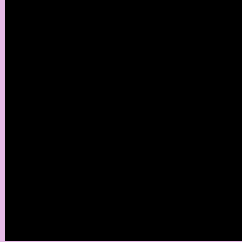
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1332, 0.3141, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 58.1332, 0.3141, 0.2817.



This preview shows how white text looks on a background with the Yxy color 58.1332, 0.3141, 0.2817.

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

58.1332, 0.3141, 0.2817

Protanopia

58.4163, 0.2811, 0.2832

Deuteranopia

58.4024, 0.2977, 0.2916



Tritanopia

57.8866, 0.3298, 0.3123

Trichromacy



Original Color

58.1332, 0.3141, 0.2817

Protanomaly

58.2082, 0.2922, 0.2829

Deuteranomaly

58.3002, 0.3030, 0.2878

Tritanomaly

58.0641, 0.3237, 0.3014

Monochromacy



Original Color

58.1332, 0.3141, 0.2817

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.5393, 0.3136, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1332, 0.3141, 0.2817 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(230, 187, 231)` looks like.

```
.text, #text, p{  
    color:rgb(230, 187, 231)  
}
```

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(230, 187, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 187, 231) }
```

Border

The CSS property to change the border of an element to Yxy 58.1332, 0.3141, 0.2817 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(230, 187, 231) }
```

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

```
.border{ border-color:rgb(230, 187, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 187, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 187, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 187, 231);  
box-shadow:4px 4px 4px 4px rgb(230, 187,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1332, 0.3141, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 187, 231) }
```

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

```
.background{ background-color: rgb(230,  
187, 231) }
```

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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