

Converting Colors

$Y_{xy}(59.1903, 0.3139, 0.2764)$

Have a look what the booklet for
Yxy(59.1903, 0.3139, 0.2764)
contains.

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Color

Yxy(59.3172, 0.3136, 0.2763)

Conversions

Conversions Part 1

Format	Color
Hex	EBBBED
RGB	235, 187, 237
RGB Percent	92%, 73%, 93%
CMY	0.0784, 0.2667, 0.0705
CMYK	0.01, 0.21, 0.00, 0.07
HSL	298°, 58%, 83%
HSV	298°, 21%, 93%
XYZ	67.3249, 59.3172, 88.0419
YIQ	207.0520, 12.5580, 25.7260

Conversions

Conversions Part 2

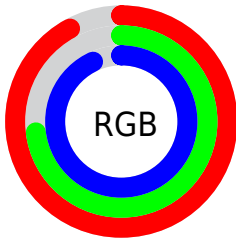
Format	Color
R _Y B	235, 187, 237
Decimal	15449069
CIE Lab	81.47, 25.60, -18.28
CIE LCh	81, 31.454, 324.464
Yxy	59.3172, 0.3136, 0.2763
Android (android.graphics.Color)	4293639149 (0xFFEBBBED)
YUV	207.0520, 14.7644, 24.5104
Hunter-Lab	77.0177, 21.2547, -13.8644

Details

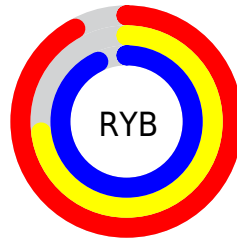
The Yxy color **59.3172, 0.3136, 0.2763** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.9909, 0.3113, 0.3875**, and the grayscale version is **62.3321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **29.6950, 0.3137, 0.2637** is the 20% darker color. If you saturate the color by 10%, you get **49.9181, 0.3139, 0.2511**, and if you desaturate by 10%, it is **70.3820, 0.3132, 0.3016**.

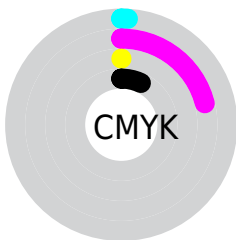
Distribution



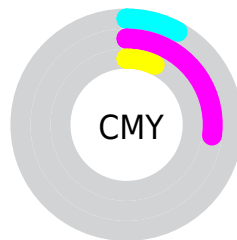
- Red (92%)
- Green (73%)
- Blue (93%)



- Red (92%)
- Yellow (73%)
- Blue (93%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (7%)




- Cyan (8%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3172, 0.3136, 0.2763 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 59.3172, 0.3136, 0.2763 by changing the saturation by 10% instead.


 59.3172, 0.3136,
0.2763

 59.3172, 0.3136,
0.2763

422.0764, 0.3136,
0.3005

 42.8685, 0.3135,
0.2708

 103.8385, 0.3137,
0.2846

 29.7820, 0.3133,
0.2641


132.6800, 0.3137,
0.2879

 19.6732, 0.3130,
0.2557


166.4211, 0.3137,
0.2907

 12.1577, 0.3124,
0.2447

205.4464, 0.3137,
0.2932

 6.8512, 0.3114,
0.2300

250.1402, 0.3137,
0.2953

 3.3692, 0.3093,
0.2093


300.8868, 0.3137,

 1.3274, 0.3048,


0.2972

0.1783


358.0708, 0.3136,
0.2990


 0.1623, 0.3136,
0.0653


 0.0000, 0.0000,
0.0000


 59.3172, 0.3136,
0.2763

 59.3172, 0.3136,
0.2763

 49.9181, 0.3139,
0.2511

 70.3820, 0.3132,
0.3016


 42.0957, 0.3139,
0.2269

 83.1806, 0.3128,
0.3263

 35.7643, 0.3139,
0.2046

 95.7912, 0.3124,
0.3469

 30.8270, 0.3136,
0.1853

 95.9562, 0.3130,
0.3469

■ 27.1755, 0.3131,
0.1698

■ 96.1220, 0.3136,
0.3468

■ 24.6856, 0.3124,
0.1586

■ 96.2887, 0.3142,
0.3468

■ 23.2085, 0.3116,
0.1517

■ 96.4562, 0.3148,
0.3468

■ 22.5312, 0.3108,
0.1486

■ 96.6246, 0.3154,
0.3467

■ 96.7940, 0.3160,
0.3467

Harmonies

Analogous

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



59.3172, 0.2750, 0.2640



59.3172, 0.3136, 0.2763



59.3172, 0.3543, 0.3005

Triad

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



59.3172, 0.3136, 0.2763



59.3172, 0.3797, 0.3910



59.3172, 0.2456, 0.3194

Complementary

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



59.3172, 0.3136, 0.2763



74.9909, 0.3113, 0.3875

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.



59.3172, 0.2706, 0.3592



59.3172, 0.3136, 0.2763



59.3172, 0.3478, 0.4022

Square

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



59.3172, 0.3136, 0.2763



59.3172, 0.3937, 0.3645



59.3172, 0.3077, 0.3910



59.3172, 0.2378, 0.2859

Rectangle

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



59.3172, 0.3136, 0.2763



59.3172, 0.3763, 0.3210



59.3172, 0.3077, 0.3910



59.3172, 0.2522, 0.3325

Sweetspot

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



59.3198, 0.3136, 0.2763



90.5074, 0.3130, 0.3143



53.2890, 0.2774, 0.2733



19.1610, 0.3130, 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.



59.3198, 0.3136, 0.2763



65.3688, 0.3137, 0.2662



58.4287, 0.3326, 0.2994



15.2812, 0.3132, 0.3057



12.3123, 0.3109, 0.1486



0.9764, 0.3124, 0.1495

Inverse Universe

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



57.2216, 0.3536, 0.3269



62.5172, 0.3637, 0.3265



75.7771, 0.2968, 0.3606



15.0638, 0.3287, 0.3281



9.8457, 0.6357, 0.3276



0.7766, 0.6242, 0.3212

Previews

White Background



This preview shows how the Yxy color 59.3172, 0.3136, 0.2763 looks on a white background.

Color Contrast Check

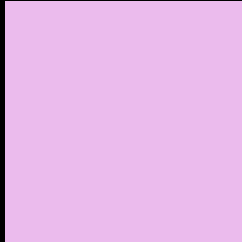
Large Text (above 18pt) WCAG AA × Fail

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 59.3172, 0.3136, 0.2763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

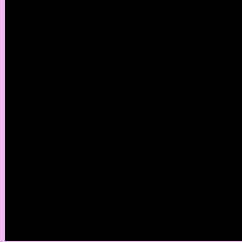
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3172, 0.3136, 0.2763

Background



This preview shows how black text looks on a background with the Yxy color 59.3172, 0.3136, 0.2763.



This preview shows how white text looks on a background with the Yxy color 59.3172, 0.3136, 0.2763.

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

59.3172, 0.3136, 0.2763

Protanopia

59.7646, 0.2770, 0.2781

Deuteranopia

59.6517, 0.2936, 0.2875



Tritanopia

59.1932, 0.3330, 0.3125

Trichromacy



Original Color

59.3172, 0.3136, 0.2763

Protanomaly

59.3608, 0.2890, 0.2770

Deuteranomaly

59.3914, 0.3003, 0.2829

Tritanomaly

59.0447, 0.3254, 0.2986

Monochromacy



Original Color

59.3172, 0.3136, 0.2763

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.1222, 0.3129, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3172, 0.3136, 0.2763 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(235, 187, 237)` looks like.

```
.text, #text, p{  
    color:rgb(235, 187, 237)  
}
```

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(235, 187, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 187, 237) }
```

Border

The CSS property to change the border of an element to Yxy 59.3172, 0.3136, 0.2763 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(235, 187, 237) }
```

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

```
.border{ border-color:rgb(235, 187, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 187, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 187, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 187, 237);  
box-shadow:4px 4px 4px 4px rgb(235, 187,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3172, 0.3136, 0.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 187, 237) }
```

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

```
.background{ background-color: rgb(235,  
187, 237) }
```

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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