

Converting Colors

$Y_{xy}(58.8069, 0.3134, 0.2696)$

Have a look what the booklet for
Yxy(58.8069, 0.3134, 0.2696)
contains.

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Color

Yxy(58.8090, 0.3131, 0.2697)

Conversions

Conversions Part 1

Format	Color
Hex	EEB8F1
RGB	238, 184, 241
RGB Percent	93%, 72%, 95%
CMY	0.0667, 0.2784, 0.0549
CMYK	0.01, 0.24, 0.00, 0.05
HSL	297°, 67%, 83%
HSV	297°, 24%, 95%
XYZ	68.2725, 58.8090, 90.9719
YIQ	206.6440, 13.8870, 29.1750

Conversions

Conversions Part 2

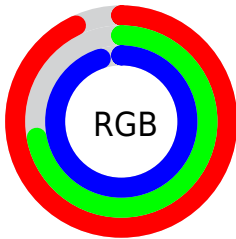
Format	Color
R _Y B	238, 184, 241
Decimal	15644913
CIE Lab	81.19, 28.88, -20.81
CIE LCh	81, 35.596, 324.229
Yxy	58.8090, 0.3131, 0.2697
Android (android.graphics.Color)	4293834993 (0xFFEEB8F1)
YUV	206.6440, 16.9375, 27.4992
Hunter-Lab	76.6870, 24.7117, -16.6533

Details

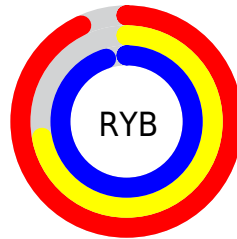
The Yxy color **58.8090, 0.3131, 0.2697** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.9414, 0.3115, 0.3955**, and the grayscale version is **62.0393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **29.2918, 0.3119, 0.2553** is the 20% darker color. If you saturate the color by 10%, you get **49.4163, 0.3130, 0.2445**, and if you desaturate by 10%, it is **69.9140, 0.3130, 0.2952**.

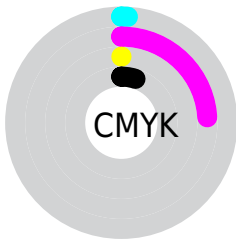
Distribution



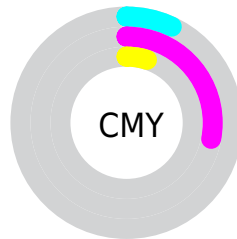
- Red (93%)
- Green (72%)
- Blue (95%)



- Red (93%)
- Yellow (72%)
- Blue (95%)



- Cyan (1%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)




- Cyan (7%)
- Magenta (28%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8090, 0.3131, 0.2697 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 58.8090, 0.3131, 0.2697 by changing the saturation by 10% instead.

 58.8090, 0.3131,
0.2697

 58.8090, 0.3131,
0.2697

420.1937, 0.3135,
0.2968

 42.4594, 0.3129,
0.2636


 103.1000, 0.3133,
0.2790

 29.4612, 0.3126,
0.2562


131.8102, 0.3134,
0.2827

 19.4300, 0.3120,
0.2468


165.4094, 0.3134,
0.2858

 11.9814, 0.3112,
0.2348

204.2819, 0.3135,
0.2886

 6.7310, 0.3096,
0.2187

248.8122, 0.3135,
0.2910

 3.2944, 0.3068,
0.1964


299.3847, 0.3135,

 1.2873, 0.3008,


0.2931


0.1634


356.3837, 0.3135,
0.2951


 0.1314, 0.3065,
0.0485

 0.0000, 0.0000,
0.0000


 58.8090, 0.3131,
0.2697


 58.8090, 0.3131,
0.2697


 49.4163, 0.3130,
0.2445

 69.9140, 0.3130,
0.2952


 41.6418, 0.3127,
0.2205


 82.8038, 0.3128,
0.3201


 35.3941, 0.3122,
0.1987


 96.7150, 0.3126,
0.3428

 30.5694, 0.3115,
0.1800


 96.9415, 0.3134,
0.3428

 27.0514, 0.3106,
0.1653


 97.1696, 0.3142,
0.3427

 24.7052, 0.3095,
0.1549

 97.3993, 0.3150,
0.3427

 23.3665, 0.3083,
0.1489

 97.6306, 0.3158,
0.3427

 22.8828, 0.3075,
0.1467

 97.8634, 0.3166,
0.3426

 98.0979, 0.3174,
0.3426

Harmonies

Analogous

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



58.8090, 0.2697, 0.2560



58.8090, 0.3131, 0.2697



58.8090, 0.3595, 0.2965

Triad

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



58.8090, 0.3131, 0.2697



58.8090, 0.3886, 0.3985



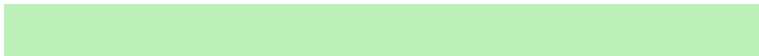
58.8090, 0.2372, 0.3179

Complementary

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



58.8090, 0.3131, 0.2697



76.9414, 0.3115, 0.3955

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.



58.8090, 0.2652, 0.3637



58.8090, 0.3131, 0.2697



58.8090, 0.3523, 0.4123

Square

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



58.8090, 0.3131, 0.2697



58.8090, 0.4047, 0.3681



58.8090, 0.3070, 0.4002



58.8090, 0.2285, 0.2801

Rectangle

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



58.8090, 0.3131, 0.2697



58.8090, 0.3848, 0.3193



58.8090, 0.3070, 0.4002



58.8090, 0.2446, 0.3330

Sweetspot

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



58.8116, 0.3131, 0.2697



88.9563, 0.3129, 0.3118



52.4295, 0.2727, 0.2668



18.8469, 0.3129, 0.3103



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.



58.8116, 0.3131, 0.2697



61.8845, 0.3131, 0.2584



57.9614, 0.3348, 0.2947



15.9863, 0.3130, 0.3057



12.4279, 0.3077, 0.1469



1.0468, 0.3095, 0.1479

Inverse Universe

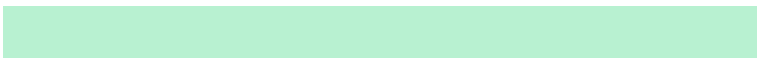
The Inverse Universe completely reimagines the original color for something new.



56.5769, 0.3593, 0.3258



58.9793, 0.3711, 0.3252



77.6922, 0.2954, 0.3661



15.7724, 0.3285, 0.3278



10.1623, 0.6345, 0.3269



0.8502, 0.6201, 0.3190

Previews

White Background



This preview shows how the Yxy color 58.8090, 0.3131, 0.2697 looks on a white background.

Color Contrast Check

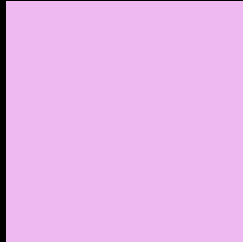
Large Text (above 18pt) WCAG AA × Fail

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 58.8090, 0.3131, 0.2697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

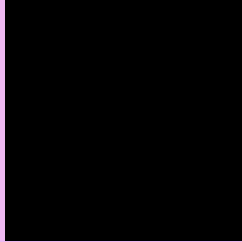
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8090, 0.3131, 0.2697

Background



This preview shows how black text looks on a background with the Yxy color 58.8090, 0.3131, 0.2697.



This preview shows how white text looks on a background with the Yxy color 58.8090, 0.3131, 0.2697.

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

58.8090, 0.3131, 0.2697

Protanopia

59.1556, 0.2707, 0.2704

Deuteranopia

58.9429, 0.2894, 0.2829



Tritanopia

58.9930, 0.3364, 0.3137

Trichromacy



Original Color

58.8090, 0.3131, 0.2697



Protanomaly

58.6263, 0.2850, 0.2696



Deuteranomaly

58.5302, 0.2975, 0.2775



Tritanomaly

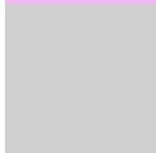
58.6906, 0.3281, 0.2967

Monochromacy



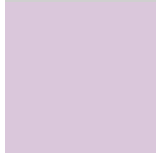
Original Color

58.8090, 0.3131, 0.2697



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.8667, 0.3130, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8090, 0.3131, 0.2697 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(238, 184, 241)` looks like.

```
.text, #text, p{  
    color:rgb(238, 184, 241)  
}
```

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(238, 184, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 184, 241) }
```

Border

The CSS property to change the border of an element to Yxy 58.8090, 0.3131, 0.2697 is called "border". The border property can be set on classes, ids or directly on the HTML element.

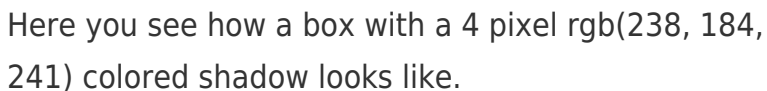
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 184, 241) }
```

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

```
.border{ border-color:rgb(238, 184, 241) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 184, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 184, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 184, 241); box-shadow:4px 4px 4px 4px rgb(238, 184, 241) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8090, 0.3131, 0.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 184, 241) }
```

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

```
.background{ background-color: rgb(238,  
184, 241) }
```

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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