

Converting Colors

Yxy(54.1663, 0.3126, 0.2606)

Have a look what the booklet for
Yxy(54.1663, 0.3126, 0.2606)
contains.

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Color

Yxy(54.1663, 0.3126, 0.2606)

Conversions

Conversions Part 1

Format	Color
Hex	EBAEEF
RGB	235, 174, 239
RGB Percent	92%, 68%, 94%
CMY	0.0785, 0.3176, 0.0626
CMYK	0.02, 0.27, 0.00, 0.06
HSL	296°, 67%, 81%
HSV	296°, 27%, 94%
XYZ	64.9746, 54.1663, 88.7113
YIQ	199.6490, 15.4910, 33.1470

Conversions

Conversions Part 2

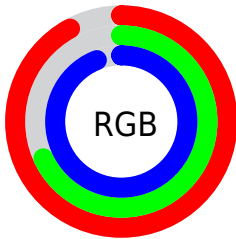
Format	Color
R _Y B	235, 174, 239
Decimal	15445743
CIE _{Lab}	78.56, 32.88, -23.76
CIE _{LCh}	79, 40.568, 324.140
Y _{xy}	54.1663, 0.3126, 0.2606
Android (android.graphics.Color)	4293635823 (0xFFEBAEEF)
YUV	199.6490, 19.4000, 31.0028
Hunter-Lab	73.5978, 28.7898, -19.9470

Details

The Yxy color **54.1663, 0.3126, 0.2606** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **74.2764, 0.3116, 0.4069**, and the grayscale version is **57.4046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **26.5586, 0.3112, 0.2449** is the 20% darker color. If you saturate the color by 10%, you get **45.4875, 0.3122, 0.2356**, and if you desaturate by 10%, it is **64.4952, 0.3128, 0.2861**.

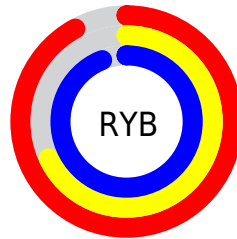
Distribution



Red (92%)

Green (68%)

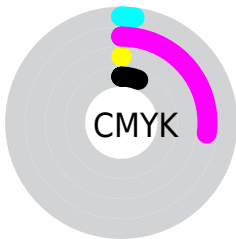
Blue (94%)



Red (92%)

Yellow (68%)

Blue (94%)

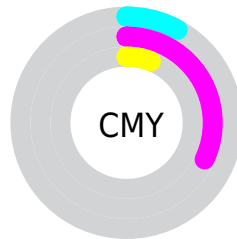


Cyan (2%)

Magenta (27%)

Yellow (0%)

Black (6%)



Cyan (8%)


Magenta (32%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1663, 0.3126, 0.2606 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 54.1663, 0.3126, 0.2606 by changing the saturation by 10% instead.


 54.1663, 0.3126,
0.2606

 54.1663, 0.3126,
0.2606


402.7438, 0.3134,
0.2920

 38.7346, 0.3122,
0.2535


 96.3184, 0.3130,
0.2714

 26.5533, 0.3117,
0.2448


123.8076, 0.3131,
0.2757

 17.2381, 0.3109,
0.2339


156.0847, 0.3132,
0.2793

 10.4044, 0.3095,
0.2199

193.5343, 0.3133,
0.2825

 5.6679, 0.3072,
0.2012

236.5405, 0.3133,
0.2853

 2.6442, 0.3028,
0.1752

285.4880, 0.3134,

 0.9489, 0.2938,

0.2878

0.1373

340.7609, 0.3134,
0.2900

0.0000, 0.2907,
0.0000

0.0000, 0.0000,
0.0000

54.1663, 0.3126,
0.2606

54.1663, 0.3126,
0.2606

45.4875, 0.3122,
0.2356

64.4952, 0.3128,
0.2861

38.3645, 0.3116,
0.2122

76.5479, 0.3128,
0.3114

32.7047, 0.3108,
0.1912

90.4020, 0.3127,
0.3357

28.4023, 0.3097,
0.1737

96.4420, 0.3132,
0.3448

■ 25.3376, 0.3085,
0.1602

■ 96.7048, 0.3141,
0.3447

■ 23.3700, 0.3071,
0.1513

■ 96.9697, 0.3150,
0.3447

■ 22.3168, 0.3055,
0.1464

■ 97.2368, 0.3159,
0.3447

■ 22.1048, 0.3051,
0.1454

■ 97.5060, 0.3169,
0.3446

■ 97.7773, 0.3178,
0.3446

Harmonies

Analogous

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



54.1663, 0.2624, 0.2449



54.1663, 0.3126, 0.2606



54.1663, 0.3672, 0.2911

Triad

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



54.1663, 0.3126, 0.2606



54.1663, 0.4009, 0.4092



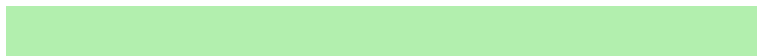
54.1663, 0.2253, 0.3154

Complementary

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



54.1663, 0.3126, 0.2606



74.2764, 0.3116, 0.4069

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.



54.1663, 0.2572, 0.3699



54.1663, 0.3126, 0.2606



54.1663, 0.3583, 0.4270

Square

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



54.1663, 0.3126, 0.2606



54.1663, 0.4203, 0.3730



54.1663, 0.3055, 0.4137



54.1663, 0.2155, 0.2715

Rectangle

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



54.1663, 0.3126, 0.2606



54.1663, 0.3972, 0.3169



54.1663, 0.3055, 0.4137



54.1663, 0.2336, 0.3333

Sweetspot

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



54.1687, 0.3126, 0.2606



87.4279, 0.3128, 0.3093



47.2119, 0.2658, 0.2560



18.2394, 0.3128, 0.3055



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.



54.1687, 0.3126, 0.2606



56.5694, 0.3124, 0.2457



53.3274, 0.3390, 0.2893



15.9784, 0.3128, 0.3057



12.2342, 0.3054, 0.1456



1.0328, 0.3075, 0.1468

Inverse Universe

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



51.8483, 0.3681, 0.3247



53.4672, 0.3852, 0.3237



75.0212, 0.2930, 0.3725



15.7748, 0.3284, 0.3276



10.1662, 0.6335, 0.3263



0.8513, 0.6168, 0.3171

Previews

White Background



This preview shows how the Yxy color 54.1663, 0.3126, 0.2606 looks on a white background.

Color Contrast Check

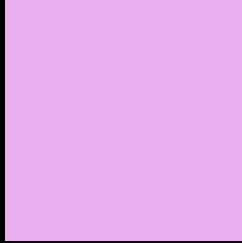
Large Text (above 18pt) WCAG AA × Fail

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 54.1663, 0.3126, 0.2606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

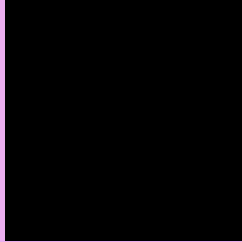
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1663, 0.3126, 0.2606

Background



This preview shows how black text looks on a background with the Yxy color 54.1663, 0.3126, 0.2606.



This preview shows how white text looks on a background with the Yxy color 54.1663, 0.3126, 0.2606.

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

54.1663, 0.3126, 0.2606

Protanopia

54.3113, 0.2632, 0.2599

Deuteranopia

54.2205, 0.2824, 0.2757



Tritanopia

54.0994, 0.3417, 0.3133

Trichromacy



Original Color

54.1663, 0.3126, 0.2606



Protanomaly

53.5554, 0.2793, 0.2593



Deuteranomaly

53.8053, 0.2927, 0.2695



Tritanomaly

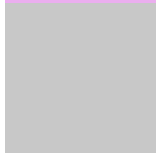
53.9826, 0.3305, 0.2927

Monochromacy



Original Color

54.1663, 0.3126, 0.2606



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.2628, 0.3132, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1663, 0.3126, 0.2606 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, 174, 239)` looks like.

```
.text, #text, p{  
    color:rgb(235, 174, 239)  
}
```

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, 174, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 174, 239) }
```

Border

The CSS property to change the border of an element to Yxy 54.1663, 0.3126, 0.2606 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, 174, 239) }
```

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

```
.border{ border-color:rgb(235, 174, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 174, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 174, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 174, 239);  
box-shadow:4px 4px 4px 4px rgb(235, 174,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1663, 0.3126, 0.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 174, 239) }
```

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

```
.background{ background-color: rgb(235,  
174, 239) }
```

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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