

Converting Colors

$Yxy(54.0164, 0.3270, 0.2791)$

Have a look what the booklet for
Yxy(54.0164, 0.3270, 0.2791)
contains.

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Color

Yxy(54.1575, 0.3268, 0.2796)

Conversions

Conversions Part 1

Format	Color
Hex	ECB0DE
RGB	236, 176, 222
RGB Percent	93%, 69%, 87%
CMY	0.0746, 0.3098, 0.1293
CMYK	0.00, 0.25, 0.06, 0.07
HSL	314°, 61%, 81%
HSV	314°, 25%, 93%
XYZ	63.3000, 54.1575, 76.2389
YIQ	199.1840, 20.9940, 27.0260

Conversions

Conversions Part 2

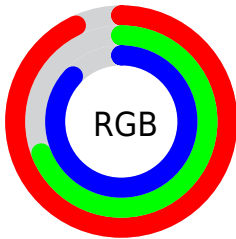
Format	Color
R _Y B	236, 176, 222
Decimal	15511774
CIE Lab	78.55, 29.08, -14.57
CIE LCh	79, 32.531, 333.385
Yxy	54.1575, 0.3268, 0.2796
Android (android.graphics.Color)	4293701854 (0xFFECB0DE)
YUV	199.1840, 11.2483, 32.2876
Hunter-Lab	73.5918, 24.7512, -9.9084

Details

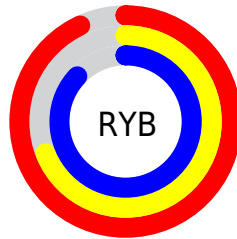
The Yxy color **54.1575, 0.3268, 0.2796** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **72.9290, 0.3012, 0.3841**, and the grayscale version is **57.1534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **26.5396, 0.3293, 0.2677** is the 20% darker color. If you saturate the color by 10%, you get **45.4058, 0.3338, 0.2598**, and if you desaturate by 10%, it is **64.5322, 0.3206, 0.2995**.

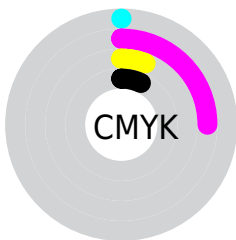
Distribution



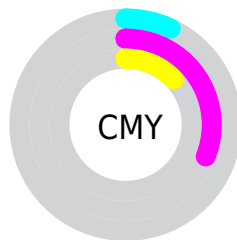
- Red (93%)
- Green (69%)
- Blue (87%)



- Red (93%)
- Yellow (69%)
- Blue (87%)



- Cyan (0%)
- Magenta (25%)
- Yellow (6%)
- Black (7%)





- Cyan (7%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1575, 0.3268, 0.2796 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 54.1575, 0.3268, 0.2796 by changing the saturation by 10% instead.

 54.1575, 0.3268,
0.2796

 54.1575, 0.3268,
0.2796


402.7103, 0.3204,
0.3027

 38.7276, 0.3282,
0.2743


 96.3055, 0.3246,
0.2876

 26.5479, 0.3300,
0.2677


123.7923, 0.3237,
0.2908

 17.2340, 0.3322,
0.2594


156.0669, 0.3230,
0.2934

 10.4014, 0.3350,
0.2484

193.5137, 0.3223,
0.2958

 5.6659, 0.3387,
0.2334

236.5170, 0.3218,
0.2978

 2.6430, 0.3437,
0.2118

285.4613, 0.3213,

 0.9483, 0.3507,

0.2996

0.1781

340.7309, 0.3208,
0.3012

0.0000, 0.3978,
0.0000

0.0000, 0.0000,
0.0000

54.1575, 0.3268,
0.2796

54.1575, 0.3268,
0.2796

45.4058, 0.3338,
0.2598

64.5322, 0.3206,
0.2995

38.1864, 0.3417,
0.2409

76.5999, 0.3153,
0.3189

32.4111, 0.3504,
0.2238

90.4353, 0.3107,
0.3374

27.9794, 0.3595,
0.2095

95.8814, 0.3073,
0.3399

■ 24.7780, 0.3690,
0.1992

■ 96.2201, 0.3042,
0.3344

■ 22.6750, 0.3783,
0.1934

■ 96.5689, 0.3011,
0.3290

■ 21.5078, 0.3874,
0.1924

■ 96.5700, 0.3011,
0.3290

■ 21.1681, 0.3915,
0.1930

Harmonies

Analogous

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



54.1575, 0.2838, 0.2625



54.1575, 0.3268, 0.2796



54.1575, 0.3684, 0.3080

Triad

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



54.1575, 0.3268, 0.2796



54.1575, 0.3754, 0.4006



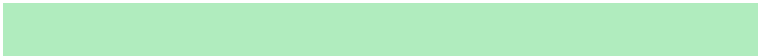
54.1575, 0.2370, 0.3066

Complementary

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



54.1575, 0.3268, 0.2796



72.9290, 0.3012, 0.3841

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.



54.1575, 0.2583, 0.3486



54.1575, 0.3268, 0.2796



54.1575, 0.3375, 0.4064

Square

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



54.1575, 0.3268, 0.2796



54.1575, 0.3970, 0.3759



54.1575, 0.2946, 0.3871



54.1575, 0.2345, 0.2752

Rectangle

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



54.1575, 0.3268, 0.2796



54.1575, 0.3884, 0.3306



54.1575, 0.2946, 0.3871



54.1575, 0.2421, 0.3200

Sweetspot

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



54.1599, 0.3268, 0.2796



87.3657, 0.3166, 0.3139



47.9294, 0.2785, 0.2584



18.2238, 0.3174, 0.3109



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.



54.1599, 0.3268, 0.2796



59.4257, 0.3300, 0.2702



52.7352, 0.3515, 0.3103



15.2503, 0.3173, 0.3111



11.6910, 0.3901, 0.1923



0.9326, 0.3785, 0.1859

Inverse Universe

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



54.1599, 0.3268, 0.2796



59.4257, 0.3300, 0.2702



74.3265, 0.2847, 0.3487



15.2503, 0.3173, 0.3111



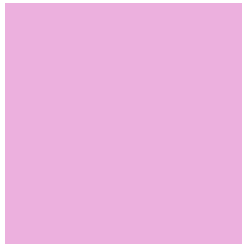
11.6910, 0.3901, 0.1923



0.9326, 0.3785, 0.1859

Previews

White Background



This preview shows how the Yxy color 54.1575, 0.3268, 0.2796 looks on a white background.

Color Contrast Check

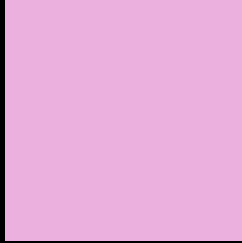
Large Text (above 18pt) WCAG AA × Fail

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 54.1575, 0.3268, 0.2796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

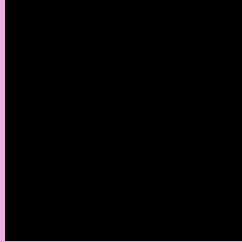
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1575, 0.3268, 0.2796

Background



This preview shows how black text looks on a background with the Yxy color 54.1575, 0.3268, 0.2796.



This preview shows how white text looks on a background with the Yxy color 54.1575, 0.3268, 0.2796.

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

54.1575, 0.3268, 0.2796

Protanopia

54.4622, 0.2796, 0.2818

Deuteranopia

54.4979, 0.3009, 0.2951



Tritanopia

54.1437, 0.3453, 0.3135

Trichromacy



Original Color

54.1575, 0.3268, 0.2796



Protanomaly

54.0352, 0.2953, 0.2808



Deuteranomaly

54.1614, 0.3097, 0.2892



Tritanomaly

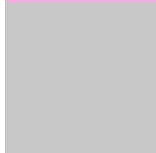
53.9716, 0.3380, 0.3004

Monochromacy



Original Color

54.1575, 0.3268, 0.2796



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.7636, 0.3176, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1575, 0.3268, 0.2796 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(236, 176, 222)` looks like.

```
.text, #text, p{  
    color:rgb(236, 176, 222)  
}
```

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(236, 176, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 176, 222) }
```

Border

The CSS property to change the border of an element to Yxy 54.1575, 0.3268, 0.2796 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(236, 176, 222) }
```

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

```
.border{ border-color:rgb(236, 176, 222) }
```

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

Here you see how a box with a 4 pixel rgb(236, 176, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 176, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 176, 222);  
box-shadow:4px 4px 4px 4px rgb(236, 176,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1575, 0.3268, 0.2796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 176, 222) }
```

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

```
.background{ background-color: rgb(236,  
176, 222) }
```

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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