

Converting Colors

$Y_{xy}(54.1599, 0.3298, 0.3007)$

Have a look what the booklet for
Yxy(54.1599, 0.3298, 0.3007)
contains.

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Color

Yxy(54.1296, 0.3300, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	E2B6CF
RGB	226, 182, 207
RGB Percent	89%, 71%, 81%
CMY	0.1139, 0.2862, 0.1882
CMYK	0.00, 0.19, 0.08, 0.11
HSL	326°, 43%, 80%
HSV	326°, 19%, 89%
XYZ	59.3447, 54.1296, 66.3582
YIQ	198.0060, 18.1990, 17.1030

Conversions

Conversions Part 2

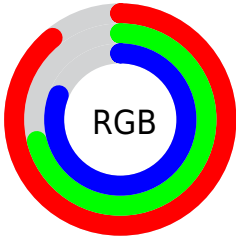
Format	Color
R _Y B	226, 182, 207
Decimal	14857935
CIE Lab	78.54, 19.86, -6.57
CIE LCh	79, 20.922, 341.693
Yxy	54.1296, 0.3300, 0.3010
Android (android.graphics.Color)	4293048015 (0xFFE2B6CF)
YUV	198.0060, 4.4340, 24.5507
Hunter-Lab	73.5728, 15.2279, -1.9750

Details

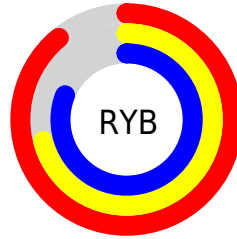
The Yxy color `54.1296, 0.3300, 0.3010` is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be `68.5315, 0.2985, 0.3588`, and the grayscale version is `56.4397, 0.3127, 0.3290`.

A 20% lighter version of the original color is `89.6291, 0.3135, 0.3127`, and `26.5465, 0.3338, 0.2937` is the 20% darker color. If you saturate the color by 10%, you get `45.1483, 0.3415, 0.2859`, and if you desaturate by 10%, it is `64.6384, 0.3204, 0.3157`.

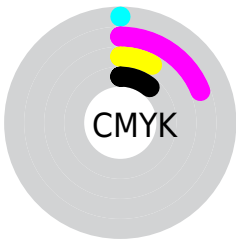
Distribution



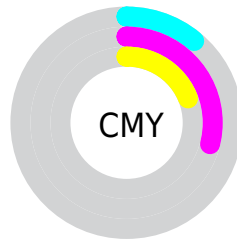
- Red (89%)
- Green (71%)
- Blue (81%)



- Red (89%)
- Yellow (71%)
- Blue (81%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1296, 0.3300, 0.3010 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 54.1296, 0.3300, 0.3010 by changing the saturation by 10% instead.


 54.1296, 0.3300,
0.3010

 54.1296, 0.3300,
0.3010


402.6040, 0.3217,
0.3143

 38.7053, 0.3320,
0.2979


 96.2645, 0.3271,
0.3057

 26.5305, 0.3344,
0.2939


123.7439, 0.3259,
0.3075

 17.2210, 0.3376,
0.2888


156.0104, 0.3250,
0.3091

 10.3922, 0.3419,
0.2820

193.4485, 0.3242,
0.3104

 5.6597, 0.3480,
0.2725

236.4425, 0.3234,
0.3116

 2.6393, 0.3572,
0.2581

285.3768, 0.3228,

 0.9465, 0.3729,

0.3126

0.2341

340.6359, 0.3222,
0.3135

0.0000, 0.5389,
0.0000

0.0000, 0.0000,
0.0000

54.1296, 0.3300,
0.3010

54.1296, 0.3300,
0.3010

45.1483, 0.3415,
0.2859

64.6384, 0.3204,
0.3157

37.6152, 0.3550,
0.2708

76.7347, 0.3123,
0.3298

31.4549, 0.3705,
0.2567

90.4840, 0.3056,
0.3429

26.5822, 0.3881,
0.2444

94.3343, 0.3001,
0.3381

■ 22.9020, 0.4074,
0.2352

■ 94.9015, 0.2952,
0.3289

■ 20.3064, 0.4277,
0.2302

■ 18.6673, 0.4482,
0.2304

■ 17.7755, 0.4682,
0.2355

■ 17.7338, 0.4693,
0.2359

Harmonies

Analogous

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



54.1296, 0.3017, 0.2870



54.1296, 0.3300, 0.3010



54.1296, 0.3544, 0.3218

Triad

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



54.1296, 0.3300, 0.3010



54.1296, 0.3477, 0.3775



54.1296, 0.2611, 0.3089

Complementary

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



54.1296, 0.3300, 0.3010



68.5315, 0.2985, 0.3588

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.



54.1296, 0.2723, 0.3344



54.1296, 0.3300, 0.3010



54.1296, 0.3218, 0.3758

Square

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



54.1296, 0.3300, 0.3010



54.1296, 0.3647, 0.3657



54.1296, 0.2942, 0.3596



54.1296, 0.2629, 0.2905

Rectangle

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



54.1296, 0.3300, 0.3010



54.1296, 0.3646, 0.3374



54.1296, 0.2942, 0.3596



54.1296, 0.2634, 0.3169

Sweetspot

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



54.1320, 0.3300, 0.3010



90.2060, 0.3174, 0.3206



51.2780, 0.2945, 0.2778



19.0897, 0.3180, 0.3197



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.



54.1320, 0.3300, 0.3010



66.5948, 0.3340, 0.2954



53.1582, 0.3479, 0.3249



13.8305, 0.3204, 0.3157



10.1459, 0.4663, 0.2342



0.7211, 0.4378, 0.2185

Inverse Universe

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



54.1320, 0.3300, 0.3010



66.5948, 0.3340, 0.2954



69.6058, 0.2858, 0.3332



13.8305, 0.3204, 0.3157



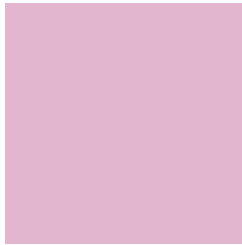
10.1459, 0.4663, 0.2342



0.7211, 0.4378, 0.2185

Previews

White Background



This preview shows how the Yxy color 54.1296, 0.3300, 0.3010 looks on a white background.

Color Contrast Check

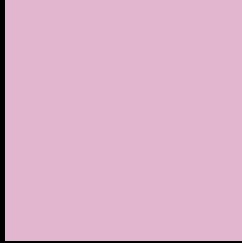
Large Text (above 18pt) WCAG AA × Fail

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 54.1296, 0.3300, 0.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

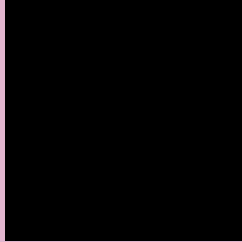
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1296, 0.3300, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 54.1296, 0.3300, 0.3010.



This preview shows how white text looks on a background with the Yxy color 54.1296, 0.3300, 0.3010.

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

54.1296, 0.3300, 0.3010

Protanopia

54.2014, 0.2967, 0.3038

Deuteranopia

54.2613, 0.3153, 0.3091



Tritanopia

54.3657, 0.3363, 0.3132

Trichromacy



Original Color

54.1296, 0.3300, 0.3010

Protanomaly

53.9357, 0.3083, 0.3031

Deuteranomaly

54.0211, 0.3212, 0.3059

Tritanomaly

54.0916, 0.3340, 0.3087

Monochromacy



Original Color

54.1296, 0.3300, 0.3010

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.3262, 0.3189, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1296, 0.3300, 0.3010 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(226, 182, 207)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 207)  
}
```

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(226, 182, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 207) }
```

Border

The CSS property to change the border of an element to Yxy 54.1296, 0.3300, 0.3010 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(226, 182, 207) }
```

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

```
.border{ border-color:rgb(226, 182, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 182, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 182, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 182, 207); box-shadow:4px 4px 4px 4px rgb(226, 182, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1296, 0.3300, 0.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 182, 207) }
```

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

```
.background{ background-color: rgb(226,  
182, 207) }
```

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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