

Converting Colors

$Y_{xy}(53.1022, 0.3392, 0.3067)$

Have a look what the booklet for
Yxy(53.1022, 0.3392, 0.3067)
contains.

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Color

Yxy(53.0217, 0.3397, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	E5B3C7
RGB	229, 179, 199
RGB Percent	90%, 70%, 78%
CMY	0.1019, 0.2980, 0.2196
CMYK	0.00, 0.22, 0.13, 0.10
HSL	336°, 49%, 80%
HSV	336°, 22%, 90%
XYZ	58.7458, 53.0217, 61.1669
YIQ	196.2300, 23.3800, 16.8200

Conversions

Conversions Part 2

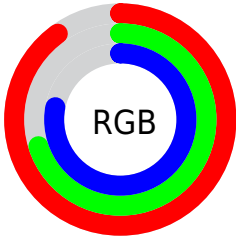
Format	Color
R _Y B	229, 179, 199
Decimal	15053767
CIE Lab	77.89, 21.22, -3.15
CIE LCh	78, 21.452, 351.559
Yxy	53.0217, 0.3397, 0.3066
Android (android.graphics.Color)	4293243847 (0xFFE5B3C7)
YUV	196.2300, 1.3656, 28.7393
Hunter-Lab	72.8160, 16.5806, 1.1664

Details

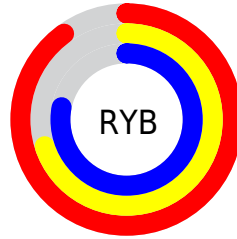
The Yxy color **53.0217, 0.3397, 0.3066** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2376, 0.2918, 0.3526**, and the grayscale version is **55.3302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **25.8503, 0.3471, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **43.9838, 0.3564, 0.2957**, and if you desaturate by 10%, it is **63.6465, 0.3259, 0.3172**.

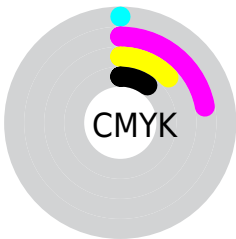
Distribution



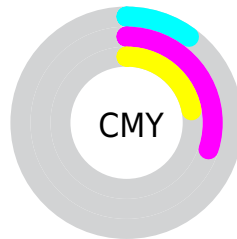
- Red (90%)
- Green (70%)
- Blue (78%)



- Red (90%)
- Yellow (70%)
- Blue (78%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0217, 0.3397, 0.3066 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 53.0217, 0.3397, 0.3066 by changing the saturation by 10% instead.


 53.0217, 0.3397,
0.3066

 53.0217, 0.3397,
0.3066

398.3684, 0.3266,
0.3174

 37.8201, 0.3429,
0.3040


 94.6363, 0.3350,
0.3104

 25.8431, 0.3469,
0.3008

121.8181, 0.3332,
0.3119

 16.7063, 0.3521,
0.2965


153.7620, 0.3317,
0.3132

 10.0253, 0.3593,
0.2908

190.8526, 0.3304,
0.3142

 5.4157, 0.3696,
0.2826

233.4741, 0.3293,
0.3152

 2.4932, 0.3856,
0.2701

282.0110, 0.3283,

 0.8732, 0.4142,

0.3160

0.2484

336.8476, 0.3274,
0.3168

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0217, 0.3397,
0.3066

53.0217, 0.3397,
0.3066

43.9838, 0.3564,
0.2957

63.6465, 0.3259,
0.3172

36.4490, 0.3764,
0.2851

75.9227, 0.3146,
0.3272

30.3365, 0.4000,
0.2753

89.9196, 0.3053,
0.3366

25.5549, 0.4271,
0.2675

95.3358, 0.2975,
0.3300

■ 22.0021, 0.4569,
0.2630

■ 95.4012, 0.2970,
0.3290

■ 19.5610, 0.4880,
0.2629

■ 18.0910, 0.5183,
0.2680

■ 17.4261, 0.5413,
0.2756

Harmonies

Analogous

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



53.0217, 0.3108, 0.2895



53.0217, 0.3397, 0.3066



53.0217, 0.3618, 0.3294

Triad

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



53.0217, 0.3397, 0.3066



53.0217, 0.3407, 0.3803



53.0217, 0.2586, 0.3009

Complementary

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



53.0217, 0.3397, 0.3066



70.2376, 0.2918, 0.3526

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.



53.0217, 0.2658, 0.3255



53.0217, 0.3397, 0.3066



53.0217, 0.3125, 0.3734

Square

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



53.0217, 0.3397, 0.3066



53.0217, 0.3620, 0.3721



53.0217, 0.2852, 0.3527



53.0217, 0.2650, 0.2854

Rectangle

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



53.0217, 0.3397, 0.3066



53.0217, 0.3690, 0.3455



53.0217, 0.2852, 0.3527



53.0217, 0.2595, 0.3083

Sweetspot

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



53.0241, 0.3397, 0.3066



88.4643, 0.3202, 0.3221



51.4547, 0.2991, 0.2721



18.7329, 0.3209, 0.3215



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.



53.0241, 0.3397, 0.3066



62.4430, 0.3465, 0.3019



54.1971, 0.3558, 0.3348



14.4630, 0.3230, 0.3196



9.9838, 0.5373, 0.2734



0.7557, 0.4987, 0.2521

Inverse Universe

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



53.0241, 0.3397, 0.3066



62.4430, 0.3465, 0.3019



68.5625, 0.2799, 0.3231



14.4630, 0.3230, 0.3196



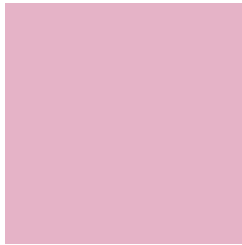
9.9838, 0.5373, 0.2734



0.7557, 0.4987, 0.2521

Previews

White Background



This preview shows how the Yxy color 53.0217, 0.3397, 0.3066 looks on a white background.

Color Contrast Check

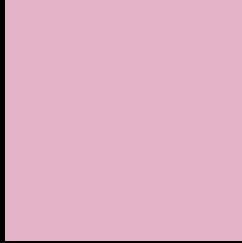
Large Text (above 18pt) WCAG AA × Fail

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 53.0217, 0.3397, 0.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

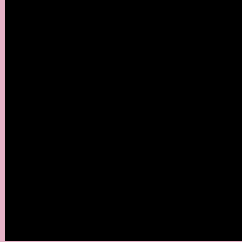
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0217, 0.3397, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 53.0217, 0.3397, 0.3066.



This preview shows how white text looks on a background with the Yxy color 53.0217, 0.3397, 0.3066.

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

53.0217, 0.3397, 0.3066

Protanopia

53.4107, 0.3017, 0.3108

Deuteranopia

53.1732, 0.3225, 0.3160



Tritanopia

53.0315, 0.3429, 0.3132

Trichromacy



Original Color

53.0217, 0.3397, 0.3066

Protanomaly

52.8794, 0.3145, 0.3088

Deuteranomaly

52.9571, 0.3287, 0.3128

Tritanomaly

53.1220, 0.3412, 0.3110

Monochromacy



Original Color

53.0217, 0.3397, 0.3066

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.2680, 0.3221, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0217, 0.3397, 0.3066 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(229, 179, 199)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 199)  
}
```

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(229, 179, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 199) }
```

Border

The CSS property to change the border of an element to Yxy 53.0217, 0.3397, 0.3066 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(229, 179, 199) }
```

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

```
.border{ border-color:rgb(229, 179, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 199);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0217, 0.3397, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 199) }
```

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

```
.background{ background-color: rgb(229,  
179, 199) }
```

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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