

Converting Colors

$Yxy(53.0854, 0.3344, 0.2905)$

Have a look what the booklet for
Yxy(53.0854, 0.3344, 0.2905)
contains.

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Color

Yxy(53.2462, 0.3343, 0.2907)

Conversions

Conversions Part 1

Format	Color
Hex	EAB0D3
RGB	234, 176, 211
RGB Percent	92%, 69%, 83%
CMY	0.0821, 0.3099, 0.1725
CMYK	0.00, 0.25, 0.10, 0.08
HSL	324°, 58%, 80%
HSV	324°, 25%, 92%
XYZ	61.2322, 53.2462, 68.6870
YIQ	197.3320, 23.3330, 23.1810

Conversions

Conversions Part 2

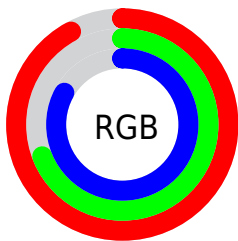
Format	Color
R_{YB}	234, 176, 211
Decimal	15380691
CIE _{Lab}	78.02, 26.58, -9.42
CIE _{LCh}	78, 28.197, 340.474
Yxy	53.2462, 0.3343, 0.2907
Android (android.graphics.Color)	4293570771 (0xFFEAB0D3)
YUV	197.3320, 6.7383, 32.1578
Hunter-Lab	72.9700, 22.0894, -4.7310

Details

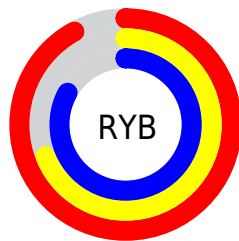
The Yxy color $53.2462, 0.3343, 0.2907$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72.2357, 0.2959, 0.3707$, and the grayscale version is $55.9974, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1932, 0.3138, 0.3068$, and $26.0312, 0.3407, 0.2820$ is the 20% darker color. If you saturate the color by 10%, you get $44.3965, 0.3459, 0.2747$, and if you desaturate by 10%, it is $63.7100, 0.3245, 0.3066$.

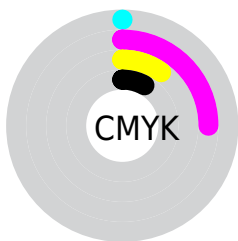
Distribution



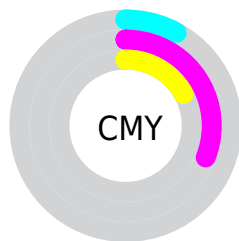
- Red (92%)
- Green (69%)
- Blue (83%)



- Red (92%)
- Yellow (69%)
- Blue (83%)



- Cyan (0%)
- Magenta (25%)
- Yellow (10%)
- Black (8%)





- Cyan (8%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2462, 0.3343, 0.2907 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 53.2462, 0.3343, 0.2907 by changing the saturation by 10% instead.


 53.2462, 0.3343,
0.2907

 53.2462, 0.3343,
0.2907


399.2290, 0.3240,
0.3088

 37.9993, 0.3367,
0.2865


 94.9666, 0.3307,
0.2971

 25.9822, 0.3397,
0.2812


122.2088, 0.3293,
0.2995

 16.8103, 0.3436,
0.2744


154.2184, 0.3281,
0.3016

 10.0993, 0.3488,
0.2654

191.3796, 0.3271,
0.3035

 5.4649, 0.3561,
0.2528

234.0769, 0.3262,
0.3050

 2.5225, 0.3670,
0.2342

282.6946, 0.3254,

 0.8879, 0.3849,

0.3065

0.2041

337.6172, 0.3247,
0.3077

0.0000, 0.5117,
0.0000

0.0000, 0.0000,
0.0000

53.2462, 0.3343,
0.2907

53.2462, 0.3343,
0.2907

44.3965, 0.3459,
0.2747

63.7100, 0.3245,
0.3066

37.0721, 0.3593,
0.2592

75.8564, 0.3162,
0.3219

31.1865, 0.3745,
0.2451

89.7590, 0.3093,
0.3364

26.6416, 0.3913,
0.2336

95.8115, 0.3038,
0.3358

■ 23.3268, 0.4093,
0.2259

■ 96.2437, 0.3000,
0.3290

■ 21.1136, 0.4278,
0.2230

■ 19.8450, 0.4459,
0.2253

■ 19.4322, 0.4552,
0.2281

Harmonies

Analogous

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



53.2462, 0.2960, 0.2728



53.2462, 0.3343, 0.2907



53.2462, 0.3682, 0.3177

Triad

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



53.2462, 0.3343, 0.2907



53.2462, 0.3609, 0.3945



53.2462, 0.2441, 0.3023

Complementary

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



53.2462, 0.3343, 0.2907



72.2357, 0.2959, 0.3707

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.



53.2462, 0.2593, 0.3374



53.2462, 0.3343, 0.2907



53.2462, 0.3259, 0.3939

Square

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



53.2462, 0.3343, 0.2907



53.2462, 0.3836, 0.3767



53.2462, 0.2888, 0.3724



53.2462, 0.2458, 0.2776

Rectangle

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



53.2462, 0.3343, 0.2907



53.2462, 0.3828, 0.3382



53.2462, 0.2888, 0.3724



53.2462, 0.2473, 0.3132

Sweetspot

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



53.2486, 0.3343, 0.2907



88.6874, 0.3179, 0.3186



49.0243, 0.2869, 0.2618



18.7845, 0.3184, 0.3177



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.



53.2486, 0.3343, 0.2907



58.7169, 0.3402, 0.2822



51.9533, 0.3589, 0.3215



15.2067, 0.3199, 0.3149



10.9383, 0.4525, 0.2266



0.8778, 0.4293, 0.2139

Inverse Universe

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



53.2486, 0.3343, 0.2907



58.7169, 0.3402, 0.2822



73.6729, 0.2799, 0.3367



15.2067, 0.3199, 0.3149



10.9383, 0.4525, 0.2266



0.8778, 0.4293, 0.2139

Previews

White Background



This preview shows how the Yxy color 53.2462, 0.3343, 0.2907 looks on a white background.

Color Contrast Check

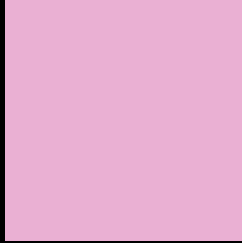
Large Text (above 18pt) WCAG AA × Fail

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 53.2462, 0.3343, 0.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

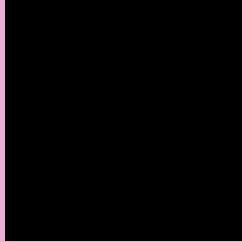
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2462, 0.3343, 0.2907

Background



This preview shows how black text looks on a background with the Yxy color 53.2462, 0.3343, 0.2907.



This preview shows how white text looks on a background with the Yxy color 53.2462, 0.3343, 0.2907.

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

53.2462, 0.3343, 0.2907

Protanopia

53.6111, 0.2889, 0.2942

Deuteranopia

53.5490, 0.3106, 0.3043



Tritanopia

53.2463, 0.3474, 0.3134

Trichromacy



Original Color

53.2462, 0.3343, 0.2907

Protanomaly

53.1067, 0.3047, 0.2928

Deuteranomaly

53.5331, 0.3191, 0.2992

Tritanomaly

53.3346, 0.3424, 0.3047

Monochromacy



Original Color

53.2462, 0.3343, 0.2907

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.3611, 0.3200, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2462, 0.3343, 0.2907 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(234, 176, 211)` looks like.

```
.text, #text, p{  
    color:rgb(234, 176, 211)  
}
```

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(234, 176, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 176, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.2462, 0.3343, 0.2907 is called "border". The border property can be set on classes, ids or directly on the HTML element.

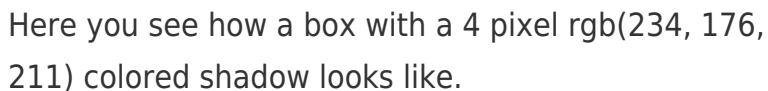
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(234, 176, 211) }
```

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

```
.border{ border-color:rgb(234, 176, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(234, 176, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 176, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 176, 211); box-shadow:4px 4px 4px 4px rgb(234, 176, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2462, 0.3343, 0.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 176, 211) }
```

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

```
.background{ background-color: rgb(234,  
176, 211) }
```

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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