

Converting Colors

Yxy(53.0824, 0.3281, 0.2821)

Have a look what the booklet for
Yxy(53.0824, 0.3281, 0.2821)
contains.

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Color

Yxy(53.2143, 0.3285, 0.2824)

Conversions

Conversions Part 1

Format	Color
Hex	EAAFDA
RGB	234, 175, 218
RGB Percent	92%, 69%, 85%
CMY	0.0826, 0.3136, 0.1452
CMYK	0.00, 0.25, 0.07, 0.08
HSL	316°, 58%, 80%
HSV	316°, 25%, 92%
XYZ	61.9012, 53.2143, 73.3204
YIQ	197.5430, 21.3610, 25.8810

Conversions

Conversions Part 2

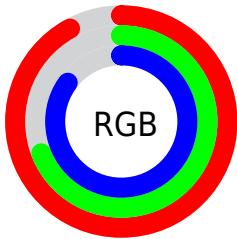
Format	Color
R_{YB}	234, 175, 218
Decimal	15380442
CIE _{Lab}	78.00, 28.22, -13.23
CIE _{LCh}	78, 31.170, 334.885
Yxy	53.2143, 0.3285, 0.2824
Android (android.graphics.Color)	4293570522 (0xFFEAAFDA)
YUV	197.5430, 10.0853, 31.9728
Hunter-Lab	72.9481, 23.8095, -8.5289

Details

The Yxy color **53.2143, 0.3285, 0.2824** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **71.6964, 0.3000, 0.3807**, and the grayscale version is **56.1079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **26.0284, 0.3328, 0.2713** is the 20% darker color. If you saturate the color by 10%, you get **44.5574, 0.3366, 0.2635**, and if you desaturate by 10%, it is **63.4663, 0.3215, 0.3014**.

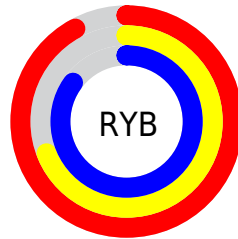
Distribution



Red (92%)

Green (69%)

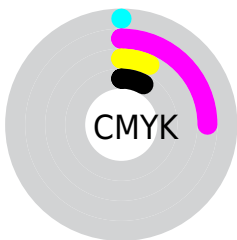
Blue (85%)



Red (92%)

Yellow (69%)

Blue (85%)

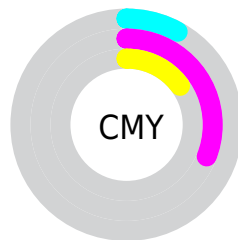


Cyan (0%)

Magenta (25%)

Yellow (7%)

Black (8%)



Cyan (8%)


Magenta (31%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2143, 0.3285, 0.2824 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 53.2143, 0.3285, 0.2824 by changing the saturation by 10% instead.


 53.2143, 0.3285,
0.2824

 53.2143, 0.3285,
0.2824


399.1068, 0.3212,
0.3043

 37.9739, 0.3302,
0.2773


 94.9196, 0.3260,
0.2901

 25.9624, 0.3322,
0.2710

122.1533, 0.3250,
0.2930

 16.7955, 0.3348,
0.2630


154.1536, 0.3241,
0.2956

 10.0888, 0.3382,
0.2524

191.3048, 0.3234,
0.2978

 5.4579, 0.3427,
0.2378

233.9913, 0.3227,
0.2997

 2.5183, 0.3492,
0.2166

282.5975, 0.3222,

 0.8858, 0.3588,

0.3014

0.1831

337.5079, 0.3217,
0.3029

0.0000, 0.4117,
0.0000

0.0000, 0.0000,
0.0000

53.2143, 0.3285,
0.2824

53.2143, 0.3285,
0.2824

44.5574, 0.3366,
0.2635

63.4663, 0.3215,
0.3014

37.4070, 0.3457,
0.2453

75.3819, 0.3155,
0.3198

31.6768, 0.3558,
0.2288

89.0343, 0.3104,
0.3373

27.2686, 0.3666,
0.2151

95.4960, 0.3064,
0.3406

■ 24.0719, 0.3778,
0.2052

■ 95.8866, 0.3028,
0.3342

■ 21.9580, 0.3892,
0.2000

■ 96.2239, 0.2999,
0.3290

■ 20.7687, 0.4002,
0.1996

■ 20.4058, 0.4054,
0.2007

Harmonies

Analogous

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



53.2143, 0.2868, 0.2652



53.2143, 0.3285, 0.2824



53.2143, 0.3681, 0.3103

Triad

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



53.2143, 0.3285, 0.2824



53.2143, 0.3717, 0.3989



53.2143, 0.2390, 0.3057

Complementary

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



53.2143, 0.3285, 0.2824



71.6964, 0.3000, 0.3807

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.



53.2143, 0.2588, 0.3458



53.2143, 0.3285, 0.2824



53.2143, 0.3347, 0.4031

Square

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



53.2143, 0.3285, 0.2824



53.2143, 0.3935, 0.3759



53.2143, 0.2934, 0.3833



53.2143, 0.2375, 0.2760

Rectangle

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



53.2143, 0.3285, 0.2824



53.2143, 0.3867, 0.3323



53.2143, 0.2934, 0.3833



53.2143, 0.2436, 0.3185

Sweetspot

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



53.2167, 0.3285, 0.2824



87.3167, 0.3171, 0.3146



47.6528, 0.2812, 0.2596



18.2114, 0.3180, 0.3118



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.



53.2167, 0.3285, 0.2824



59.2555, 0.3324, 0.2730



51.8206, 0.3536, 0.3137



15.2400, 0.3179, 0.3120



11.4947, 0.4038, 0.1998



0.9186, 0.3897, 0.1920

Inverse Universe

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



53.2167, 0.3285, 0.2824



59.2555, 0.3324, 0.2730



73.1125, 0.2833, 0.3450



15.2400, 0.3179, 0.3120



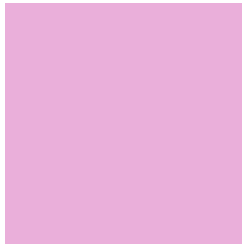
11.4947, 0.4038, 0.1998



0.9186, 0.3897, 0.1920

Previews

White Background



This preview shows how the Yxy color 53.2143, 0.3285, 0.2824 looks on a white background.

Color Contrast Check

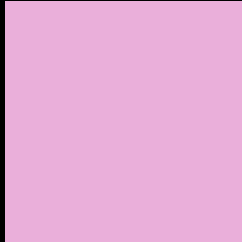
Large Text (above 18pt) WCAG AA × Fail

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 53.2143, 0.3285, 0.2824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

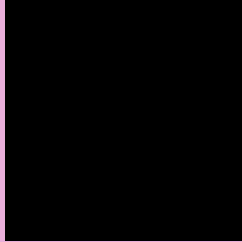
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2143, 0.3285, 0.2824

Background



This preview shows how black text looks on a background with the Yxy color 53.2143, 0.3285, 0.2824.



This preview shows how white text looks on a background with the Yxy color 53.2143, 0.3285, 0.2824.

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

53.2143, 0.3285, 0.2824

Protanopia

53.7955, 0.2821, 0.2850

Deuteranopia

53.4809, 0.3030, 0.2961



Tritanopia

53.0794, 0.3466, 0.3134

Trichromacy



Original Color

53.2143, 0.3285, 0.2824



Protanomaly

53.2506, 0.2973, 0.2838



Deuteranomaly

53.1729, 0.3121, 0.2902



Tritanomaly

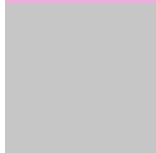
53.2609, 0.3399, 0.3024

Monochromacy



Original Color

53.2143, 0.3285, 0.2824



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.0836, 0.3184, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2143, 0.3285, 0.2824 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, 175, 218)` looks like.

```
.text, #text, p{  
    color:rgb(234, 175, 218)  
}
```

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, 175, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 175, 218) }
```

Border

The CSS property to change the border of an element to Yxy 53.2143, 0.3285, 0.2824 is called "border". The border property can be set on classes, ids or directly on the HTML element.

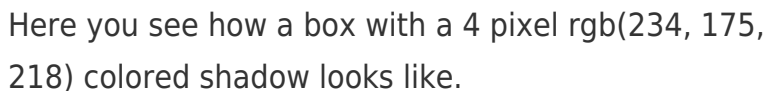
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(234, 175, 218) }
```

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

```
.border{ border-color:rgb(234, 175, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(234, 175, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 175, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 175, 218); box-shadow:4px 4px 4px 4px rgb(234, 175, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2143, 0.3285, 0.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 175, 218) }
```

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

```
.background{ background-color: rgb(234,  
175, 218) }
```

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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