

Converting Colors

$Y_{xy}(33.2863, 0.3747, 0.2869)$

Have a look what the booklet for
Yxy(33.2863, 0.3747, 0.2869)
contains.

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Color

Yxy(33.2863, 0.3747, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	DA81A4
RGB	218, 129, 164
RGB Percent	85%, 51%, 64%
CMY	0.1450, 0.4942, 0.3568
CMYK	0.00, 0.41, 0.25, 0.14
HSL	336°, 55%, 68%
HSV	336°, 41%, 86%
XYZ	43.4729, 33.2863, 39.2614
YIQ	159.6010, 41.8090, 29.7530

Conversions

Conversions Part 2

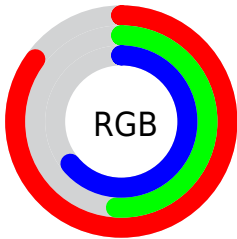
Format	Color
R_{YB}	218, 129, 164
Decimal	14320036
CIE _{Lab}	64.39, 38.72, -3.75
CIE _{LCh}	64, 38.902, 354.475
Yxy	33.2863, 0.3747, 0.2869
Android (android.graphics.Color)	4292510116 (0xFFDA81A4)
YUV	159.6010, 2.1687, 51.2159
Hunter-Lab	57.6943, 33.5356, 0.0387

Details

The Yxy color **33.2863, 0.3747, 0.2869** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **58.2455, 0.2758, 0.3765**, and the grayscale version is **34.9367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2414, 0.3443, 0.2923**, and **14.0547, 0.3952, 0.2739** is the 20% darker color. If you saturate the color by 10%, you get **27.6913, 0.3981, 0.2772**, and if you desaturate by 10%, it is **40.1596, 0.3549, 0.2974**.

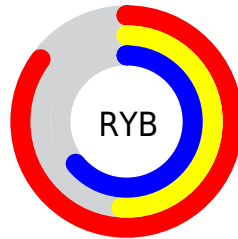
Distribution



Red (85%)

Green (51%)

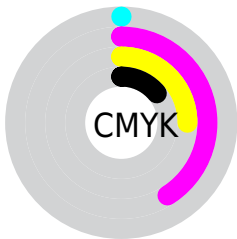
Blue (64%)



Red (85%)

Yellow (51%)

Blue (64%)

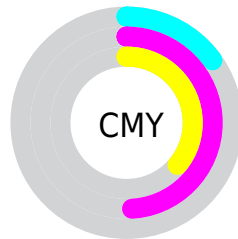


Cyan (0%)

Magenta (41%)

Yellow (25%)

Black (14%)



Cyan (15%)


Magenta (49%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2863, 0.3747, 0.2869 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 33.2863, 0.3747, 0.2869 by changing the saturation by 10% instead.


 33.2863, 0.3747,
0.2869


 33.2863, 0.3747,
0.2869


316.9378, 0.3423,
0.3087

 22.3459, 0.3833,
0.2812


 64.8223, 0.3626,
0.2950

 14.1113, 0.3946,
0.2739


 86.1866, 0.3581,
0.2979

 8.1981, 0.4102,
0.2638


 111.7943, 0.3544,
0.3004

 4.2220, 0.4329,
0.2494

142.0298, 0.3512,
0.3026

 1.7985, 0.4691,
0.2269

177.2775, 0.3485,
0.3044

 0.4862, 0.5472,
0.1724

217.9218, 0.3461,

 0.0000, 1.0000,

0.3060

0.0000

264.3472, 0.3441,
0.3074

■ 0.0000, 0.0000,
0.0000

■ 33.2863, 0.3747,
0.2869

■ 33.2863, 0.3747,
0.2869

■ 27.6913, 0.3981,
0.2772

■ 40.1596, 0.3549,
0.2974

■ 23.2895, 0.4250,
0.2693

■ 48.3794, 0.3384,
0.3081

■ 19.9933, 0.4549,
0.2644


■ 58.0151, 0.3247,
0.3184


■ 17.7004, 0.4862,
0.2638

■ 69.1296, 0.3136,
0.3282

■ 16.2894, 0.5170,
0.2685

■ 81.7820, 0.3044,
0.3373

 15.5788, 0.5432,
0.2766

 92.9244, 0.2968,
0.3409

 93.6507, 0.2906,
0.3289

Harmonies

Analogous

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



33.2863, 0.3129, 0.2533



33.2863, 0.3747, 0.2869



33.2863, 0.4208, 0.3307

Triad

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



33.2863, 0.3747, 0.2869



33.2863, 0.3624, 0.4399



33.2863, 0.2046, 0.2635

Complementary

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



33.2863, 0.3747, 0.2869



58.2455, 0.2758, 0.3765

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.



33.2863, 0.2148, 0.3123



33.2863, 0.3747, 0.2869



33.2863, 0.3032, 0.4253

Square

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



33.2863, 0.3747, 0.2869



33.2863, 0.4109, 0.4186



33.2863, 0.2496, 0.3747



33.2863, 0.2190, 0.2381

Rectangle

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



33.2863, 0.3747, 0.2869



33.2863, 0.4336, 0.3620



33.2863, 0.2496, 0.3747



33.2863, 0.2052, 0.2773

Sweetspot

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



33.2879, 0.3747, 0.2869



80.8681, 0.3263, 0.3171



30.7557, 0.2833, 0.2184



16.9036, 0.3280, 0.3158



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.



33.2879, 0.3747, 0.2869



40.5014, 0.3946, 0.2785



34.6405, 0.4120, 0.3402



13.1359, 0.3230, 0.3198



9.3498, 0.5394, 0.2745



0.6224, 0.4959, 0.2505

Inverse Universe

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



33.2879, 0.3747, 0.2869



40.5014, 0.3946, 0.2785



55.3939, 0.2551, 0.3172



13.1359, 0.3230, 0.3198



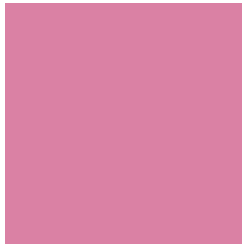
9.3498, 0.5394, 0.2745



0.6224, 0.4959, 0.2505

Previews

White Background



This preview shows how the Yxy color 33.2863, 0.3747, 0.2869 looks on a white background.

Color Contrast Check

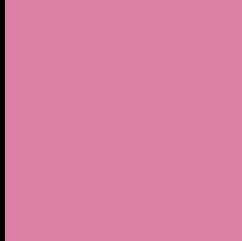
Large Text (above 18pt) WCAG AA × Fail

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 33.2863, 0.3747, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

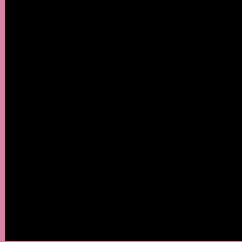
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2863, 0.3747, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 33.2863, 0.3747, 0.2869.



This preview shows how white text looks on a background with the Yxy color 33.2863, 0.3747, 0.2869.

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

33.2863, 0.3747, 0.2869

Protanopia

33.4134, 0.2881, 0.2925

Deuteranopia

33.5406, 0.3233, 0.3175



Tritanopia

33.3572, 0.3959, 0.3169

Trichromacy



Original Color

33.2863, 0.3747, 0.2869

Protanomaly

32.8439, 0.3166, 0.2902

Deuteranomaly

33.0845, 0.3412, 0.3059

Tritanomaly

33.4886, 0.3879, 0.3060

Monochromacy



Original Color

33.2863, 0.3747, 0.2869

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.8919, 0.3340, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2863, 0.3747, 0.2869 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(218, 129, 164)` looks like.

```
.text, #text, p{  
    color:rgb(218, 129, 164)  
}
```

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(218, 129, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 129, 164) }
```

Border

The CSS property to change the border of an element to Yxy 33.2863, 0.3747, 0.2869 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(218, 129, 164) }
```

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

```
.border{ border-color:rgb(218, 129, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 129, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 129, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 129, 164);  
box-shadow:4px 4px 4px 4px rgb(218, 129,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2863, 0.3747, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 129, 164) }
```

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

```
.background{ background-color: rgb(218,  
129, 164) }
```

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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