

Converting Colors

$Y_{xy}(33.0608, 0.3496, 0.2558)$

Have a look what the booklet for
Yxy(33.0608, 0.3496, 0.2558)
contains.

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Color

Yxy(33.1605, 0.3494, 0.2562)

Conversions

Conversions Part 1

Format	Color
Hex	DA7DBB
RGB	218, 125, 187
RGB Percent	85%, 49%, 73%
CMY	0.1450, 0.5098, 0.2665
CMYK	0.00, 0.43, 0.14, 0.15
HSL	320°, 56%, 67%
HSV	320°, 43%, 85%
XYZ	45.2236, 33.1605, 51.0480
YIQ	159.8750, 35.5260, 38.9980

Conversions

Conversions Part 2

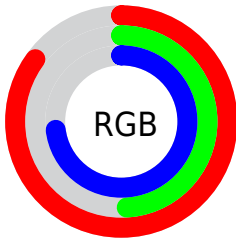
Format	Color
R_{YB}	218, 125, 187
Decimal	14319035
CIE _{Lab}	64.29, 44.26, -16.94
CIE _{LCh}	64, 47.392, 339.058
Yxy	33.1605, 0.3494, 0.2562
Android (android.graphics.Color)	4292509115 (0xFFDA7DBB)
YUV	159.8750, 13.3726, 50.9756
Hunter-Lab	57.5852, 39.4081, -12.2497

Details

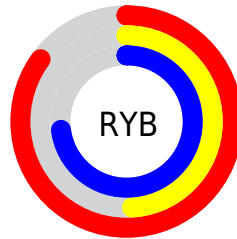
The Yxy color **33.1605, 0.3494, 0.2562** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **56.9118, 0.2890, 0.4161**, and the grayscale version is **35.0190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3736, 0.3253, 0.2663**, and **14.0634, 0.3589, 0.2360** is the 20% darker color. If you saturate the color by 10%, you get **27.9321, 0.3616, 0.2404**, and if you desaturate by 10%, it is **39.6191, 0.3386, 0.2733**.

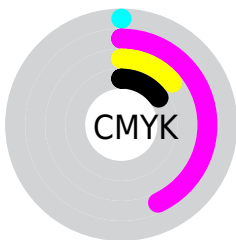
Distribution



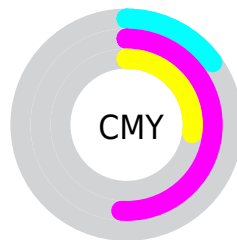
- Red (85%)
- Green (49%)
- Blue (73%)



- Red (85%)
- Yellow (49%)
- Blue (73%)



- Cyan (0%)
- Magenta (43%)
- Yellow (14%)
- Black (15%)





- Cyan (15%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.1605, 0.3494, 0.2562 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 33.1605, 0.3494, 0.2562 by changing the saturation by 10% instead.


 33.1605, 0.3494,
0.2562

 33.1605, 0.3494,
0.2562

316.3723, 0.3312,
0.2923


 22.2494, 0.3539,
0.2473


 64.6260, 0.3428,
0.2692

 14.0403, 0.3597,
0.2361


 85.9493, 0.3403,
0.2741

 8.1487, 0.3672,
0.2213

 111.5120, 0.3382,
0.2783

 4.1902, 0.3776,
0.2011

141.6987, 0.3364,
0.2819

 1.7805, 0.3927,
0.1721

176.8937, 0.3348,
0.2850

 0.4750, 0.4220,
0.1153

217.4813, 0.3334,


 0.0000, 0.4917,


0.2877


0.0000


263.8461, 0.3322,
0.2901


 0.0000, 0.0000,
0.0000

 33.1605, 0.3494,
0.2562

 33.1605, 0.3494,
0.2562


 27.9321, 0.3616,
0.2404


 39.6191, 0.3386,
0.2733


 23.8488, 0.3749,
0.2270


 47.3763, 0.3292,
0.2908

 20.8222, 0.3892,
0.2171


 56.5010, 0.3212,
0.3081


 18.7488, 0.4038,
0.2116

 67.0558, 0.3143,
0.3247


 17.5037, 0.4183,
0.2112

 79.0995, 0.3086,
0.3404

 16.9651, 0.4287,
0.2135

 92.1757, 0.3038,
0.3543

 92.5937, 0.2998,
0.3466

 93.0289, 0.2959,
0.3391

 93.4816, 0.2920,
0.3316

Harmonies

Analogous

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



33.1605, 0.2752, 0.2259



33.1605, 0.3494, 0.2562



33.1605, 0.4198, 0.3019

Triad

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



33.1605, 0.3494, 0.2562



33.1605, 0.4036, 0.4533



33.1605, 0.1866, 0.2751

Complementary

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



33.1605, 0.3494, 0.2562



56.9118, 0.2890, 0.4161

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.



33.1605, 0.2127, 0.3461



33.1605, 0.3494, 0.2562



33.1605, 0.3363, 0.4638

Square

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



33.1605, 0.3494, 0.2562



33.1605, 0.4496, 0.4099



33.1605, 0.2664, 0.4226



33.1605, 0.1892, 0.2315

Rectangle

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



33.1605, 0.3494, 0.2562



33.1605, 0.4500, 0.3372



33.1605, 0.2664, 0.4226



33.1605, 0.1921, 0.2962

Sweetspot

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



33.1620, 0.3494, 0.2562



79.9520, 0.3215, 0.3073



26.6415, 0.2574, 0.2053



16.4600, 0.3232, 0.3035



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.



33.1620, 0.3494, 0.2562



40.6519, 0.3600, 0.2423



31.5272, 0.4026, 0.3085



13.1973, 0.3188, 0.3135



10.1825, 0.4267, 0.2124



0.6754, 0.4051, 0.2005

Inverse Universe

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



33.1620, 0.3494, 0.2562



40.6519, 0.3600, 0.2423



58.7276, 0.2638, 0.3516



13.1973, 0.3188, 0.3135



10.1825, 0.4267, 0.2124



0.6754, 0.4051, 0.2005

Previews

White Background



This preview shows how the Yxy color 33.1605, 0.3494, 0.2562 looks on a white background.

Color Contrast Check

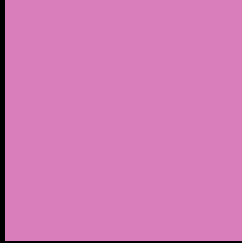
Large Text (above 18pt) WCAG AA × Fail

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 33.1605, 0.3494, 0.2562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

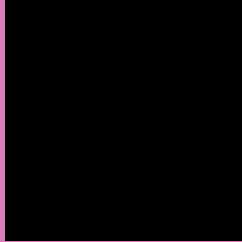
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1605, 0.3494, 0.2562

Background



This preview shows how black text looks on a background with the Yxy color 33.1605, 0.3494, 0.2562.



This preview shows how white text looks on a background with the Yxy color 33.1605, 0.3494, 0.2562.

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

33.1605, 0.3494, 0.2562

Protanopia

33.3280, 0.2578, 0.2533

Deuteranopia

33.2048, 0.2927, 0.2861



Tritanopia

33.2099, 0.3911, 0.3168

Trichromacy



Original Color

33.1605, 0.3494, 0.2562



Protanomaly

32.2501, 0.2865, 0.2524



Deuteranomaly

32.5100, 0.3113, 0.2725



Tritanomaly

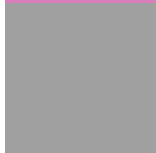
33.2177, 0.3755, 0.2936

Monochromacy



Original Color

33.1605, 0.3494, 0.2562



Achromatopsia

35.1533, 0.3127, 0.3290



Achromatomaly

33.5935, 0.3254, 0.2975

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1605, 0.3494, 0.2562 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, 125, 187)` looks like.

```
.text, #text, p{  
    color:rgb(218, 125, 187)  
}
```

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, 125, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 125, 187) }
```

Border

The CSS property to change the border of an element to Yxy 33.1605, 0.3494, 0.2562 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, 125, 187) }
```

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

```
.border{ border-color:rgb(218, 125, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 125, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 125, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 125, 187);  
box-shadow:4px 4px 4px 4px rgb(218, 125,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1605, 0.3494, 0.2562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 125, 187) }
```

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

```
.background{ background-color: rgb(218,  
125, 187) }
```

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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