

Converting Colors

$Y_{xy}(32.0449, 0.3808, 0.2848)$

Have a look what the booklet for
Yxy(32.0449, 0.3808, 0.2848)
contains.

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Color

Yxy(32.0486, 0.3808, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	DB7CA1
RGB	219, 124, 161
RGB Percent	86%, 49%, 63%
CMY	0.1412, 0.5137, 0.3688
CMYK	0.00, 0.43, 0.26, 0.14
HSL	337°, 57%, 67%
HSV	337°, 43%, 86%
XYZ	42.8515, 32.0486, 37.6301
YIQ	156.6230, 44.7430, 31.6470

Conversions

Conversions Part 2

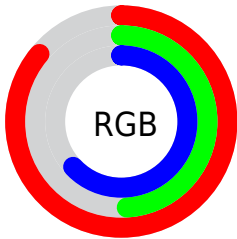
Format	Color
R_{YB}	219, 124, 161
Decimal	14384289
CIE _{Lab}	63.38, 41.23, -3.49
CIE _{LCh}	63, 41.373, 355.167
Yxy	32.0486, 0.3808, 0.2848
Android (android.graphics.Color)	4292574369 (0xFFDB7CA1)
YUV	156.6230, 2.1579, 54.7046
Hunter-Lab	56.6115, 36.0437, 0.2175

Details

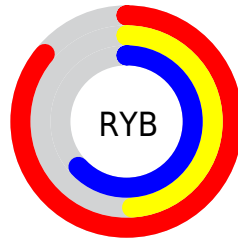
The Yxy color **32.0486, 0.3808, 0.2848** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **58.3278, 0.2738, 0.3794**, and the grayscale version is **33.5146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0587, 0.3476, 0.2901**, and **13.4419, 0.4025, 0.2701** is the 20% darker color. If you saturate the color by 10%, you get **26.7097, 0.4053, 0.2756**, and if you desaturate by 10%, it is **38.6599, 0.3599, 0.2951**.

Distribution



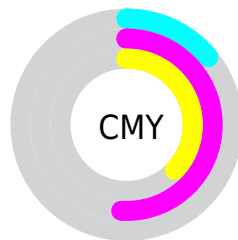
- Red (86%)
- Green (49%)
- Blue (63%)



- Red (86%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (43%)
- Yellow (26%)
- Black (14%)





- Cyan (14%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0486, 0.3808, 0.2848 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 32.0486, 0.3808, 0.2848 by changing the saturation by 10% instead.


 32.0486, 0.3808,
0.2848


 32.0486, 0.3808,
0.2848


311.3406, 0.3449,
0.3078


 21.3986, 0.3904,
0.2788


 62.8873, 0.3673,
0.2934

 13.4157, 0.4030,
0.2709


 83.8448, 0.3624,
0.2965

 7.7154, 0.4205,
0.2601


 109.0069, 0.3583,
0.2992

 3.9134, 0.4461,
0.2445

138.7580, 0.3548,
0.3014

 1.6252, 0.4872,
0.2201

173.4825, 0.3518,
0.3033

 0.3745, 0.5901,
0.1496

213.5649, 0.3492,

 0.0000, 1.0000,

0.3050

0.0000

259.3894, 0.3470,
0.3065

0.0000, 0.0000,
0.0000

32.0486, 0.3808,
0.2848

32.0486, 0.3808,
0.2848

26.7097, 0.4053,
0.2756

38.6599, 0.3599,
0.2951

22.5553, 0.4333,
0.2684

46.6146, 0.3425,
0.3056

19.4939, 0.4640,
0.2646


55.9839, 0.3280,
0.3160

17.4178, 0.4957,
0.2654

66.8326, 0.3162,
0.3258

16.1974, 0.5262,
0.2714

79.2215, 0.3065,
0.3350

 15.7191, 0.5450,
0.2776

 92.9455, 0.2986,
0.3431

 93.7758, 0.2913,
0.3293

 93.8000, 0.2911,
0.3289

Harmonies

Analogous

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



32.0486, 0.3142, 0.2489



32.0486, 0.3808, 0.2848



32.0486, 0.4300, 0.3313

Triad

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



32.0486, 0.3808, 0.2848



32.0486, 0.3640, 0.4487



32.0486, 0.1974, 0.2575

Complementary

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



32.0486, 0.3808, 0.2848



58.3278, 0.2738, 0.3794

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.



32.0486, 0.2074, 0.3090



32.0486, 0.3808, 0.2848



32.0486, 0.3005, 0.4327

Square

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



32.0486, 0.3808, 0.2848



32.0486, 0.4167, 0.4253



32.0486, 0.2436, 0.3767



32.0486, 0.2133, 0.2315

Rectangle

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



32.0486, 0.3808, 0.2848



32.0486, 0.4429, 0.3646



32.0486, 0.2436, 0.3767



32.0486, 0.1978, 0.2719

Sweetspot

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



32.0502, 0.3808, 0.2848



79.4065, 0.3277, 0.3163



29.3568, 0.2809, 0.2111



16.3254, 0.3307, 0.3140



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.



32.0502, 0.3808, 0.2848



38.3331, 0.4029, 0.2763



33.4306, 0.4211, 0.3408



13.1350, 0.3231, 0.3199



9.3407, 0.5411, 0.2755



0.6217, 0.4974, 0.2514

Inverse Universe

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



32.0502, 0.3808, 0.2848



38.3331, 0.4029, 0.2763



55.2473, 0.2521, 0.3164



13.1350, 0.3231, 0.3199



9.3407, 0.5411, 0.2755



0.6217, 0.4974, 0.2514

Previews

White Background



This preview shows how the Yxy color 32.0486, 0.3808, 0.2848 looks on a white background.

Color Contrast Check

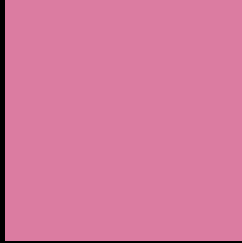
Large Text (above 18pt) WCAG AA × Fail

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 32.0486, 0.3808, 0.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

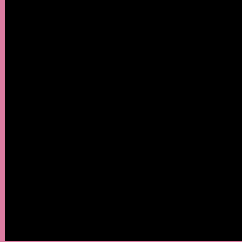
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0486, 0.3808, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 32.0486, 0.3808, 0.2848.



This preview shows how white text looks on a background with the Yxy color 32.0486, 0.3808, 0.2848.

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

32.0486, 0.3808, 0.2848

Protanopia

32.4267, 0.2861, 0.2906

Deuteranopia

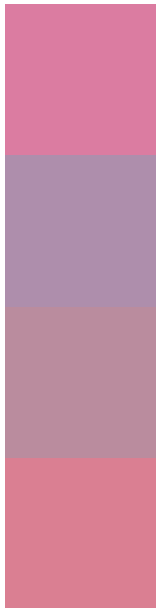
32.1447, 0.3235, 0.3174



Tritanopia

32.0250, 0.4051, 0.3170

Trichromacy



Original Color

32.0486, 0.3808, 0.2848

Protanomaly

31.3232, 0.3168, 0.2870

Deuteranomaly

31.6639, 0.3441, 0.3044

Tritanomaly

32.1595, 0.3969, 0.3061

Monochromacy



Original Color

32.0486, 0.3808, 0.2848

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.4227, 0.3367, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0486, 0.3808, 0.2848 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(219, 124, 161)` looks like.

```
.text, #text, p{  
    color:rgb(219, 124, 161)  
}
```

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(219, 124, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 124, 161) }
```

Border

The CSS property to change the border of an element to Yxy 32.0486, 0.3808, 0.2848 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(219, 124, 161) }
```

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

```
.border{ border-color:rgb(219, 124, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 124, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 124, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 124, 161);  
box-shadow:4px 4px 4px 4px rgb(219, 124,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0486, 0.3808, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 124, 161) }
```

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

```
.background{ background-color: rgb(219,  
124, 161) }
```

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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