

Converting Colors

$Y_{xy}(32.0866, 0.3793, 0.3003)$

Have a look what the booklet for
Yxy(32.0866, 0.3793, 0.3003)
contains.

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Color

Yxy(32.1141, 0.3797, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	D38299
RGB	211, 130, 153
RGB Percent	83%, 51%, 60%
CMY	0.1726, 0.4901, 0.4000
CMYK	0.00, 0.38, 0.27, 0.17
HSL	343°, 48%, 67%
HSV	343°, 38%, 83%
XYZ	40.5916, 32.1141, 34.1987
YIQ	156.8410, 40.8930, 24.3250

Conversions

Conversions Part 2

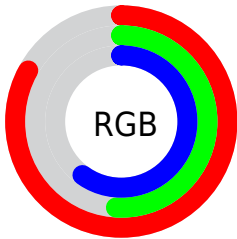
Format	Color
R_{YB}	211, 130, 153
Decimal	13861529
CIE Lab	63.44, 34.13, 1.01
CIE LCh	63, 34.146, 1.695
Yxy	32.1141, 0.3797, 0.3004
Android (android.graphics.Color)	4292051609 (0xFFD38299)
YUV	156.8410, -1.8936, 47.4974
Hunter-Lab	56.6693, 28.6864, 3.8882

Details

The Yxy color **32.1141, 0.3797, 0.3004** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.9542, 0.2726, 0.3603**, and the grayscale version is **33.6381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0460, 0.3542, 0.3054**, and **13.4213, 0.4015, 0.2910** is the 20% darker color. If you saturate the color by 10%, you get **26.5978, 0.4068, 0.2933**, and if you desaturate by 10%, it is **38.8473, 0.3570, 0.3081**.

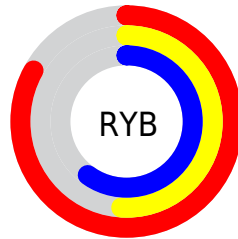
Distribution



Red (83%)

Green (51%)

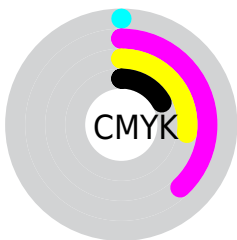
Blue (60%)



Red (83%)

Yellow (51%)

Blue (60%)

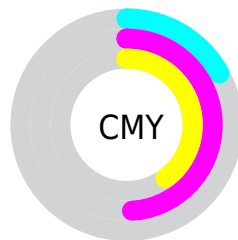


Cyan (0%)

Magenta (38%)

Yellow (27%)

Black (17%)



Cyan (17%)


Magenta (49%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1141, 0.3797, 0.3004 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 32.1141, 0.3797, 0.3004 by changing the saturation by 10% instead.

 32.1141, 0.3797,
0.3004


 32.1141, 0.3797,
0.3004


311.6387, 0.3441,
0.3157


 21.4487, 0.3893,
0.2962


 62.9899, 0.3663,
0.3062

 13.4524, 0.4021,
0.2907


 83.9691, 0.3614,
0.3083

 7.7408, 0.4199,
0.2829


 109.1550, 0.3573,
0.3101

 3.9295, 0.4464,
0.2712

138.9319, 0.3538,
0.3115

 1.6342, 0.4896,
0.2521

173.6844, 0.3509,
0.3128

 0.3805, 0.6325,
0.1931

213.7968, 0.3483,

 0.0000, 1.0000,

0.3139

0.0000

259.6534, 0.3461,
0.3149

0.0000, 0.0000,
0.0000

32.1141, 0.3797,
0.3004

32.1141, 0.3797,
0.3004

26.5978, 0.4068,
0.2933

38.8473, 0.3570,
0.3081

22.2207, 0.4385,
0.2875

46.8599, 0.3384,
0.3158

18.9031, 0.4741,
0.2841

56.2154, 0.3232,
0.3232

16.5533, 0.5115,
0.2844

66.9719, 0.3109,
0.3301

15.0632, 0.5477,
0.2890

79.1840, 0.3008,
0.3365

■ 14.2717, 0.5793,
0.2977

■ 91.8756, 0.2926,
0.3407

■ 14.1706, 0.5840,
0.2991

■ 92.5853, 0.2866,
0.3289

Harmonies

Analogous

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



32.1141, 0.3266, 0.2670



32.1141, 0.3797, 0.3004



32.1141, 0.4144, 0.3415

Triad

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



32.1141, 0.3797, 0.3004



32.1141, 0.3454, 0.4271



32.1141, 0.2165, 0.2634

Complementary

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



32.1141, 0.3797, 0.3004



54.9542, 0.2726, 0.3603

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.



32.1141, 0.2205, 0.3027



32.1141, 0.3797, 0.3004



32.1141, 0.2923, 0.4052

Square

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



32.1141, 0.3797, 0.3004



32.1141, 0.3921, 0.4162



32.1141, 0.2471, 0.3563



32.1141, 0.2349, 0.2450

Rectangle

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



32.1141, 0.3797, 0.3004



32.1141, 0.4207, 0.3698



32.1141, 0.2471, 0.3563



32.1141, 0.2153, 0.2743

Sweetspot

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



32.1156, 0.3797, 0.3004



80.6749, 0.3286, 0.3204



31.1977, 0.2934, 0.2279



16.8583, 0.3306, 0.3195



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.



32.1156, 0.3797, 0.3004



42.2916, 0.4014, 0.2945



36.0801, 0.3992, 0.3496



11.8627, 0.3247, 0.3224



8.5695, 0.5802, 0.2970



0.4929, 0.5268, 0.2676

Inverse Universe

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



32.1156, 0.3797, 0.3004



42.2916, 0.4014, 0.2945



48.3830, 0.2565, 0.3069



11.8627, 0.3247, 0.3224



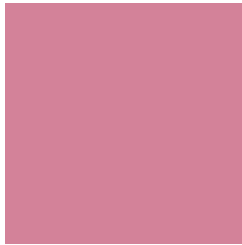
8.5695, 0.5802, 0.2970



0.4929, 0.5268, 0.2676

Previews

White Background



This preview shows how the Yxy color 32.1141, 0.3797, 0.3004 looks on a white background.

Color Contrast Check

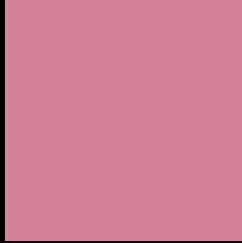
Large Text (above 18pt) WCAG AA × Fail

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 32.1141, 0.3797, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

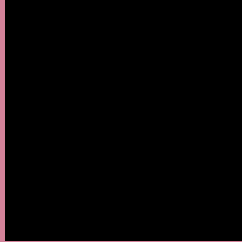
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1141, 0.3797, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 32.1141, 0.3797, 0.3004.



This preview shows how white text looks on a background with the Yxy color 32.1141, 0.3797, 0.3004.

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

32.1141, 0.3797, 0.3004

Protanopia

32.3448, 0.3001, 0.3081

Deuteranopia

32.2429, 0.3336, 0.3276



Tritanopia

32.1572, 0.3910, 0.3166

Trichromacy



Original Color

32.1141, 0.3797, 0.3004

Protanomaly

31.8581, 0.3264, 0.3049

Deuteranomaly

31.8947, 0.3501, 0.3166

Tritanomaly

32.0096, 0.3866, 0.3103

Monochromacy



Original Color

32.1141, 0.3797, 0.3004

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.6148, 0.3352, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1141, 0.3797, 0.3004 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(211, 130, 153)` looks like.

```
.text, #text, p{  
    color:rgb(211, 130, 153)  
}
```

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(211, 130, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 130, 153) }
```

Border

The CSS property to change the border of an element to Yxy 32.1141, 0.3797, 0.3004 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(211, 130, 153) }
```

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

```
.border{ border-color:rgb(211, 130, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 130, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 130, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 130, 153);  
box-shadow:4px 4px 4px 4px rgb(211, 130,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1141, 0.3797, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 130, 153) }
```

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

```
.background{ background-color: rgb(211,  
130, 153) }
```

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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