

Converting Colors

$Yxy(32.8157, 0.3704, 0.3035)$

Have a look what the booklet for
Yxy(32.8157, 0.3704, 0.3035)
contains.

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Color

Yxy(32.8163, 0.3704, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	CE879B
RGB	206, 135, 155
RGB Percent	81%, 53%, 61%
CMY	0.1921, 0.4706, 0.3921
CMYK	0.00, 0.34, 0.25, 0.19
HSL	343°, 42%, 67%
HSV	343°, 34%, 81%
XYZ	40.0368, 32.8163, 35.2375
YIQ	158.5090, 35.8960, 21.2720

Conversions

Conversions Part 2

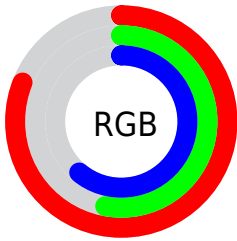
Format	Color
R _{YB}	206, 135, 155
Decimal	13535131
CIE _{Lab}	64.01, 29.93, 0.64
CIE _{LCh}	64, 29.937, 1.222
Yxy	32.8163, 0.3704, 0.3036
Android (android.graphics.Color)	4291725211 (0xFFCE879B)
YUV	158.5090, -1.7299, 41.6496
Hunter-Lab	57.2855, 24.5037, 3.6293

Details

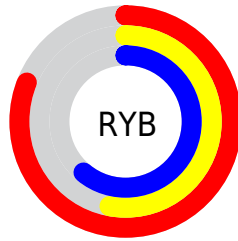
The Yxy color **32.8163, 0.3704, 0.3036** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.8442, 0.2760, 0.3564**, and the grayscale version is **34.4321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2586, 0.3516, 0.3085**, and **13.8242, 0.3893, 0.2949** is the 20% darker color. If you saturate the color by 10%, you get **27.1477, 0.3958, 0.2963**, and if you desaturate by 10%, it is **39.6612, 0.3494, 0.3113**.

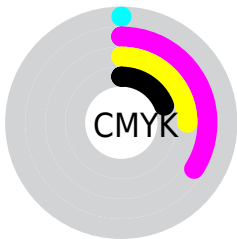
Distribution



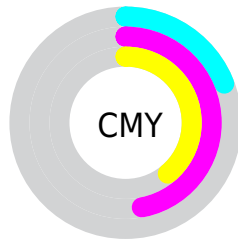
- Red (81%)
- Green (53%)
- Blue (61%)



- Red (81%)
- Yellow (53%)
- Blue (61%)



- Cyan (0%)
- Magenta (34%)
- Yellow (25%)
- Black (19%)





- Cyan (19%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8163, 0.3704, 0.3036 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 32.8163, 0.3704, 0.3036 by changing the saturation by 10% instead.


 32.8163, 0.3704,
0.3036


 32.8163, 0.3704,
0.3036


314.8212, 0.3399,
0.3171


 21.9858, 0.3786,
0.2999


 64.0886, 0.3589,
0.3087

 13.8464, 0.3895,
0.2951


 85.2992, 0.3547,
0.3106

 8.0139, 0.4047,
0.2883


 110.7386, 0.3512,
0.3121

 4.1039, 0.4273,
0.2782

140.7911, 0.3482,
0.3134

 1.7318, 0.4641,
0.2615

175.8413, 0.3457,
0.3145

 0.4441, 0.5746,
0.2140

216.2734, 0.3435,

 0.0000, 1.0000,

0.3155

0.0000

262.4719, 0.3416,
0.3164

0.0000, 0.0000,
0.0000

32.8163, 0.3704,
0.3036

32.8163, 0.3704,
0.3036

27.1477, 0.3958,
0.2963

39.6612, 0.3494,
0.3113

22.5840, 0.4258,
0.2899

47.7389, 0.3321,
0.3188

19.0536, 0.4600,
0.2855

57.1081, 0.3181,
0.3260

16.4741, 0.4970,
0.2842

67.8222, 0.3067,
0.3326

14.7506, 0.5342,
0.2870

79.9317, 0.2974,
0.3388

■ 13.7680, 0.5679,
0.2943

■ 91.1621, 0.2897,
0.3407

■ 13.4294, 0.5844,
0.2993

■ 91.8635, 0.2838,
0.3289

Harmonies

Analogous

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



32.8163, 0.3244, 0.2739



32.8163, 0.3704, 0.3036



32.8163, 0.4008, 0.3402

Triad

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



32.8163, 0.3704, 0.3036



32.8163, 0.3427, 0.4139



32.8163, 0.2277, 0.2723

Complementary

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



32.8163, 0.3704, 0.3036



52.8442, 0.2760, 0.3564

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.



32.8163, 0.2318, 0.3074



32.8163, 0.3704, 0.3036



32.8163, 0.2961, 0.3950

Square

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



32.8163, 0.3704, 0.3036



32.8163, 0.3830, 0.4052



32.8163, 0.2560, 0.3536



32.8163, 0.2439, 0.2552

Rectangle

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



32.8163, 0.3704, 0.3036



32.8163, 0.4068, 0.3652



32.8163, 0.2560, 0.3536



32.8163, 0.2268, 0.2822

Sweetspot

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



32.8179, 0.3704, 0.3036



83.6718, 0.3257, 0.3220



32.2098, 0.2971, 0.2390



17.4559, 0.3277, 0.3209



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.



32.8179, 0.3704, 0.3036



46.5082, 0.3878, 0.2984



36.8084, 0.3868, 0.3490



11.2648, 0.3246, 0.3225



8.2829, 0.5806, 0.2972



0.4405, 0.5235, 0.2658

Inverse Universe

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



32.8179, 0.3704, 0.3036



46.5082, 0.3878, 0.2984



46.7060, 0.2616, 0.3079



11.2648, 0.3246, 0.3225



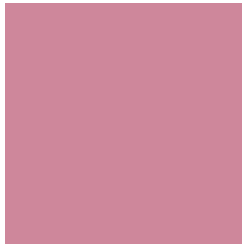
8.2829, 0.5806, 0.2972



0.4405, 0.5235, 0.2658

Previews

White Background



This preview shows how the Yxy color 32.8163, 0.3704, 0.3036 looks on a white background.

Color Contrast Check

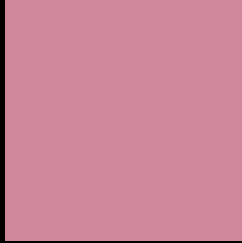
Large Text (above 18pt) WCAG AA × Fail

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 32.8163, 0.3704, 0.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

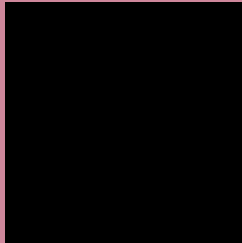
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8163, 0.3704, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 32.8163, 0.3704, 0.3036.



This preview shows how white text looks on a background with the Yxy color 32.8163, 0.3704, 0.3036.

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

32.8163, 0.3704, 0.3036

Protanopia

33.2013, 0.3020, 0.3112

Deuteranopia

32.8503, 0.3335, 0.3262



Tritanopia

32.6940, 0.3782, 0.3150

Trichromacy



Original Color

32.8163, 0.3704, 0.3036

Protanomaly

32.8228, 0.3250, 0.3078

Deuteranomaly

32.7411, 0.3462, 0.3180

Tritanomaly

32.7895, 0.3747, 0.3112

Monochromacy



Original Color

32.8163, 0.3704, 0.3036

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.5114, 0.3317, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8163, 0.3704, 0.3036 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(206, 135, 155)` looks like.

```
.text, #text, p{  
    color:rgb(206, 135, 155)  
}
```

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(206, 135, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 135, 155) }
```

Border

The CSS property to change the border of an element to Yxy 32.8163, 0.3704, 0.3036 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(206, 135, 155) }
```

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

```
.border{ border-color:rgb(206, 135, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 135, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 135, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 135, 155);  
box-shadow:4px 4px 4px 4px rgb(206, 135,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8163, 0.3704, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 135, 155) }
```

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

```
.background{ background-color: rgb(206,  
135, 155) }
```

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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