

Converting Colors

$Yxy(32.9631, 0.3785, 0.3024)$

Have a look what the booklet for
Yxy(32.9631, 0.3785, 0.3024)
contains.

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Color

Yxy(33.1052, 0.3787, 0.3030)

Conversions

Conversions Part 1

Format	Color
Hex	D4859A
RGB	212, 133, 154
RGB Percent	83%, 52%, 60%
CMY	0.1685, 0.4785, 0.3961
CMYK	0.00, 0.37, 0.27, 0.17
HSL	344°, 48%, 68%
HSV	344°, 37%, 83%
XYZ	41.3760, 33.1052, 34.7768
YIQ	159.0150, 40.3430, 23.2790

Conversions

Conversions Part 2

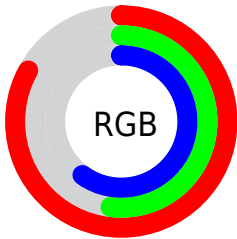
Format	Color
R _Y B	212, 133, 154
Decimal	13927834
CIE Lab	64.25, 33.05, 1.64
CIE LCh	64, 33.096, 2.846
Yxy	33.1052, 0.3787, 0.3030
Android (android.graphics.Color)	4292117914 (0xFFD4859A)
YUV	159.0150, -2.4724, 46.4678
Hunter-Lab	57.5371, 27.6728, 4.4396

Details

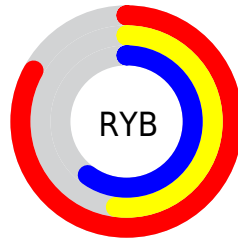
The Yxy color **33.1052, 0.3787, 0.3030** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.8477, 0.2727, 0.3573**, and the grayscale version is **34.6765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3547, 0.3528, 0.3075**, and **14.0818, 0.4012, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **27.3902, 0.4061, 0.2963**, and if you desaturate by 10%, it is **40.0623, 0.3559, 0.3102**.

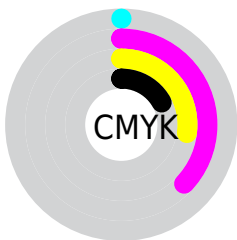
Distribution



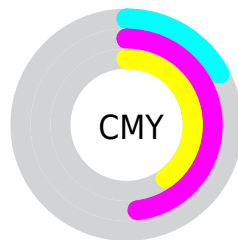
- Red (83%)
- Green (52%)
- Blue (60%)



- Red (83%)
- Yellow (52%)
- Blue (60%)



- Cyan (0%)
- Magenta (37%)
- Yellow (27%)
- Black (17%)





- Cyan (17%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1052, 0.3787, 0.3030 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 33.1052, 0.3787, 0.3030 by changing the saturation by 10% instead.


 33.1052, 0.3787,
0.3030


 33.1052, 0.3787,
0.3030


316.1235, 0.3438,
0.3169

 22.2070, 0.3881,
0.2992


 64.5397, 0.3655,
0.3083

 14.0091, 0.4005,
0.2942


 85.8449, 0.3607,
0.3102

 8.1270, 0.4178,
0.2871


 111.3879, 0.3567,
0.3118

 4.1763, 0.4434,
0.2765

141.5530, 0.3533,
0.3131

 1.7727, 0.4849,
0.2590

176.7248, 0.3504,
0.3143

 0.4701, 0.6044,
0.2145

217.2875, 0.3479,


 0.0000, 1.0000,


0.3153


0.0000

263.6256, 0.3457,
0.3161


 0.0000, 0.0000,
0.0000

 33.1052, 0.3787,
0.3030


 33.1052, 0.3787,
0.3030


 27.3902, 0.4061,
0.2963

 40.0623, 0.3559,
0.3102


 22.8391, 0.4383,
0.2907

 48.3242, 0.3372,
0.3174


 19.3721, 0.4745,
0.2874

 57.9550, 0.3220,
0.3243

 16.8973, 0.5129,
0.2875

 69.0132, 0.3096,
0.3307

 15.3075, 0.5501,
0.2918

 81.5539, 0.2995,
0.3366

■ 14.4584, 0.5823,
0.3001

■ 92.2611, 0.2912,
0.3368

■ 14.2894, 0.5902,
0.3025

■ 92.7406, 0.2872,
0.3289

Harmonies

Analogous

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



33.1052, 0.3282, 0.2703



33.1052, 0.3787, 0.3030



33.1052, 0.4110, 0.3429

Triad

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



33.1052, 0.3787, 0.3030



33.1052, 0.3424, 0.4227



33.1052, 0.2203, 0.2650

Complementary

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



33.1052, 0.3787, 0.3030



55.8477, 0.2727, 0.3573

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.



33.1052, 0.2234, 0.3022



33.1052, 0.3787, 0.3030



33.1052, 0.2914, 0.4004

Square

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



33.1052, 0.3787, 0.3030



33.1052, 0.3877, 0.4137



33.1052, 0.2484, 0.3532



33.1052, 0.2390, 0.2479

Rectangle

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



33.1052, 0.3787, 0.3030



33.1052, 0.4163, 0.3701



33.1052, 0.2484, 0.3532



33.1052, 0.2188, 0.2753

Sweetspot

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



33.1068, 0.3787, 0.3030



82.1345, 0.3274, 0.3217



32.5978, 0.2966, 0.2316



17.1484, 0.3295, 0.3207



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.



33.1068, 0.3787, 0.3030



43.0196, 0.4008, 0.2974



37.9671, 0.3946, 0.3523



12.4745, 0.3250, 0.3228



8.8336, 0.5866, 0.3005



0.5466, 0.5366, 0.2730

Inverse Universe

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



33.1068, 0.3787, 0.3030



43.0196, 0.4008, 0.2974



48.1392, 0.2574, 0.3040



12.4745, 0.3250, 0.3228



8.8336, 0.5866, 0.3005



0.5466, 0.5366, 0.2730

Previews

White Background



This preview shows how the Yxy color 33.1052, 0.3787, 0.3030 looks on a white background.

Color Contrast Check

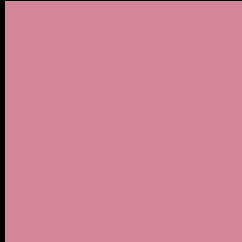
Large Text (above 18pt) WCAG AA × Fail

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 33.1052, 0.3787, 0.3030 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 33.1052, 0.3787, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 33.1052, 0.3787, 0.3030.



This preview shows how white text looks on a background with the Yxy color 33.1052, 0.3787, 0.3030.

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

33.1052, 0.3787, 0.3030

Protanopia

33.3006, 0.3029, 0.3113

Deuteranopia

33.2518, 0.3353, 0.3291



Tritanopia

33.2212, 0.3873, 0.3166

Trichromacy



Original Color

33.1052, 0.3787, 0.3030

Protanomaly

32.7062, 0.3282, 0.3079

Deuteranomaly

32.7783, 0.3507, 0.3181

Tritanomaly

33.0372, 0.3842, 0.3116

Monochromacy



Original Color

33.1052, 0.3787, 0.3030

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.7120, 0.3348, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1052, 0.3787, 0.3030 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(212, 133, 154)` looks like.

```
.text, #text, p{  
    color:rgb(212, 133, 154)  
}
```

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(212, 133, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 133, 154) }
```

Border

The CSS property to change the border of an element to Yxy 33.1052, 0.3787, 0.3030 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(212, 133, 154) }
```

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

```
.border{ border-color:rgb(212, 133, 154) }
```

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

Here you see how a box with a 4 pixel rgb(212, 133, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 133, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 133, 154);  
box-shadow:4px 4px 4px 4px rgb(212, 133,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1052, 0.3787, 0.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 133, 154) }
```

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

```
.background{ background-color: rgb(212,  
133, 154) }
```

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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