

Converting Colors

$Y_{xy}(31.9679, 0.3925, 0.3151)$

Have a look what the booklet for
Yxy(31.9679, 0.3925, 0.3151)
contains.

| | |
|--|----|
| Yxy(32.0345, 0.3925, 0.3154) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(32.0345, 0.3925, 0.3154)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D3838E |
| RGB | 211, 131, 142 |
| RGB Percent | 83%, 51%, 56% |
| CMY | 0.1725, 0.4863, 0.4432 |
| CMYK | 0.00, 0.38, 0.33, 0.17 |
| HSL | 352°, 48%, 67% |
| HSV | 352°, 38%, 83% |
| XYZ | 39.8654, 32.0345, 29.6680 |
| YIQ | 156.1740, 44.1490, 20.3810 |

Conversions

Conversions Part 2

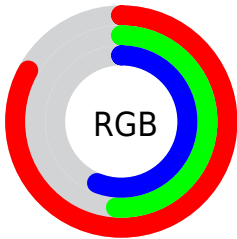
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 211, 131, 142 |
| Decimal | 13861774 |
| CIE Lab | 63.37, 32.16, 7.19 |
| CIE LCh | 63, 32.949, 12.599 |
| Yxy | 32.0345, 0.3925, 0.3154 |
| Android (android.graphics.Color) | 4292051854 (0xFFD3838E) |
| YUV | 156.1740, -6.9878, 48.0824 |
| Hunter-Lab | 56.5990, 26.6777, 8.5408 |

Details

The Yxy color **32.0345, 0.3925, 0.3154** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.5932, 0.2663, 0.3436**, and the grayscale version is **33.3450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9434, 0.3633, 0.3177**, and **13.3801, 0.4190, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **26.4306, 0.4258, 0.3121**, and if you desaturate by 10%, it is **38.8850, 0.3649, 0.3191**.

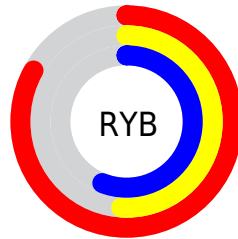
Distribution



Red (83%)

Green (51%)

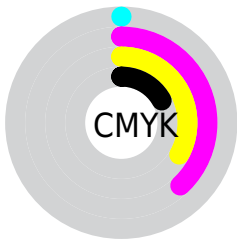
Blue (56%)



Red (83%)

Yellow (51%)

Blue (56%)

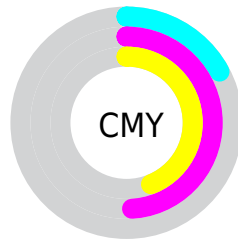


Cyan (0%)

Magenta (38%)

Yellow (33%)

Black (17%)



Cyan (17%)


Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0345, 0.3925, 0.3154 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 32.0345, 0.3925, 0.3154 by changing the saturation by 10% instead.


 32.0345, 0.3925,
0.3154


 32.0345, 0.3925,
0.3154


311.2764, 0.3498,
0.3234

 21.3879, 0.4041,
0.3130


 62.8652, 0.3763,
0.3186

 13.4078, 0.4196,
0.3095


 83.8180, 0.3704,
0.3197

 7.7100, 0.4413,
0.3044


 108.9750, 0.3655,
0.3206

 3.9099, 0.4735,
0.2960

138.7205, 0.3614,
0.3214

 1.6233, 0.5262,
0.2807

173.4391, 0.3579,
0.3220

 0.3732, 0.7591,
0.2409

213.5149, 0.3548,


 0.0000, 1.0000,

0.3225


0.0000


259.3326, 0.3522,
0.3230


 0.0000, 0.0000,
0.0000


 32.0345, 0.3925,
0.3154


 32.0345, 0.3925,
0.3154


 26.4306, 0.4258,
0.3121


 38.8850, 0.3649,
0.3191

 21.9939, 0.4647,
0.3097


 47.0460, 0.3425,
0.3228


 18.6428, 0.5077,
0.3088

 56.5828, 0.3245,
0.3263

 16.2837, 0.5513,
0.3101

 67.5547, 0.3099,
0.3297

 14.8064, 0.5901,
0.3140

 80.0178, 0.2982,
0.3327

■ 14.0550, 0.6187,
0.3198

■ 92.3495, 0.2886,
0.3328

■ 13.9399, 0.6234,
0.3208

■ 92.5913, 0.2866,
0.3289

Harmonies

Analogous

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



32.0345, 0.3458, 0.2794



32.0345, 0.3925, 0.3154



32.0345, 0.4160, 0.3564

Triad

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



32.0345, 0.3925, 0.3154



32.0345, 0.3258, 0.4197



32.0345, 0.2235, 0.2567

Complementary

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



32.0345, 0.3925, 0.3154



55.5932, 0.2663, 0.3436

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.



32.0345, 0.2194, 0.2878



32.0345, 0.3925, 0.3154



32.0345, 0.2757, 0.3873

Square

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



32.0345, 0.3925, 0.3154



32.0345, 0.3748, 0.4203



32.0345, 0.2375, 0.3360



32.0345, 0.2490, 0.2462

Rectangle

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



32.0345, 0.3925, 0.3154



32.0345, 0.4145, 0.3829



32.0345, 0.2375, 0.3360



32.0345, 0.2197, 0.2648

Sweetspot

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



32.0361, 0.3925, 0.3154



81.9292, 0.3298, 0.3252



33.0801, 0.3053, 0.2326



17.0998, 0.3323, 0.3247



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.



32.0361, 0.3925, 0.3154



41.6777, 0.4207, 0.3125



40.2878, 0.3920, 0.3642



11.8343, 0.3269, 0.3258



8.4201, 0.6208, 0.3193



0.4796, 0.5782, 0.2959

Inverse Universe

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



32.0361, 0.3925, 0.3154



41.6777, 0.4207, 0.3125



43.4002, 0.2546, 0.2904



11.8343, 0.3269, 0.3258



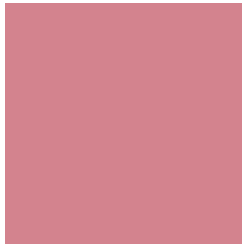
8.4201, 0.6208, 0.3193



0.4796, 0.5782, 0.2959

Previews

White Background



This preview shows how the Yxy color 32.0345, 0.3925, 0.3154 looks on a white background.

Color Contrast Check

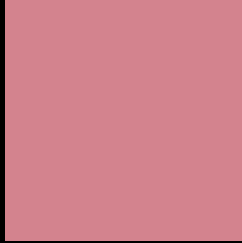
Large Text (above 18pt) WCAG AA × Fail

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 32.0345, 0.3925, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

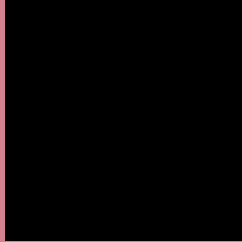
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0345, 0.3925, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 32.0345, 0.3925, 0.3154.



This preview shows how white text looks on a background with the Yxy color 32.0345, 0.3925, 0.3154.

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

32.0345, 0.3925, 0.3154

Protanopia

32.1835, 0.3148, 0.3275

Deuteranopia

32.0426, 0.3493, 0.3422



Tritanopia

32.0046, 0.3937, 0.3167

Trichromacy



Original Color

32.0345, 0.3925, 0.3154

Protanomaly

31.6829, 0.3407, 0.3219

Deuteranomaly

31.8042, 0.3642, 0.3319

Tritanomaly

32.0046, 0.3937, 0.3167

Monochromacy



Original Color

32.0345, 0.3925, 0.3154

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.3319, 0.3393, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0345, 0.3925, 0.3154 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, 131, 142)` looks like.

```
.text, #text, p{  
    color:rgb(211, 131, 142)  
}
```

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, 131, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 131, 142) }
```

Border

The CSS property to change the border of an element to Yxy 32.0345, 0.3925, 0.3154 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, 131, 142) }
```

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

```
.border{ border-color:rgb(211, 131, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 131, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 131, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 131, 142);  
box-shadow:4px 4px 4px 4px rgb(211, 131,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0345, 0.3925, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 131, 142) }
```

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

```
.background{ background-color: rgb(211,  
131, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor