

Converting Colors

$Y_{xy}(31.1950, 0.3949, 0.3196)$

Have a look what the booklet for
Yxy(31.1950, 0.3949, 0.3196)
contains.

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Color

Yxy(31.2101, 0.3944, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	D0828A
RGB	208, 130, 138
RGB Percent	82%, 51%, 54%
CMY	0.1842, 0.4902, 0.4588
CMYK	0.00, 0.38, 0.34, 0.18
HSL	354°, 45%, 66%
HSV	354°, 38%, 82%
XYZ	38.5870, 31.2101, 28.0402
YIQ	154.2340, 43.9200, 19.0240

Conversions

Conversions Part 2

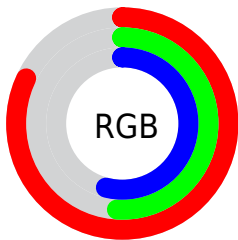
Format	Color
R _Y B	208, 130, 138
Decimal	13664906
CIE Lab	62.68, 31.07, 8.42
CIE LCh	63, 32.192, 15.161
Yxy	31.2101, 0.3944, 0.3190
Android (android.graphics.Color)	4291854986 (0xFFD0828A)
YUV	154.2340, -8.0034, 47.1528
Hunter-Lab	55.8660, 25.5257, 9.3475

Details

The Yxy color **31.2101, 0.3944, 0.3190** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.0360, 0.2652, 0.3397**, and the grayscale version is **32.4453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3026, 0.3679, 0.3219**, and **12.8759, 0.4224, 0.3140** is the 20% darker color. If you saturate the color by 10%, you get **25.7312, 0.4288, 0.3166**, and if you desaturate by 10%, it is **37.9034, 0.3659, 0.3217**.

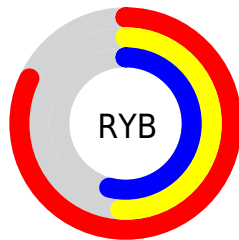
Distribution



Red (82%)

Green (51%)

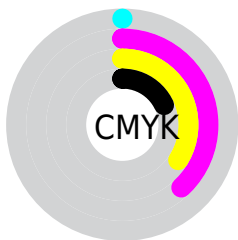
Blue (54%)



Red (82%)

Yellow (51%)

Blue (54%)

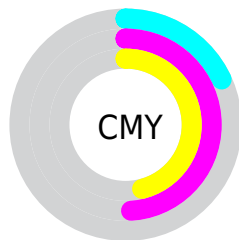


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (18%)



Cyan (18%)


Magenta (49%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2101, 0.3944, 0.3190 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 31.2101, 0.3944, 0.3190 by changing the saturation by 10% instead.

 31.2101, 0.3944,
0.3190


 31.2101, 0.3944,
0.3190


307.5051, 0.3505,
0.3252

 20.7589, 0.4064,
0.3170


 61.5707, 0.3777,
0.3216

 12.9479, 0.4225,
0.3140


 82.2489, 0.3716,
0.3225

 7.3927, 0.4451,
0.3095


 107.1048, 0.3666,
0.3232

 3.7089, 0.4790,
0.3018

136.5230, 0.3624,
0.3237

 1.5121, 0.5345,
0.2870

170.8877, 0.3588,
0.3242

 0.2972, 0.7806,
0.2194


210.5833, 0.3556,


 0.0000, 0.0000,


0.3246


0.0000

255.9943, 0.3529,
0.3250

 31.2101, 0.3944,
0.3190


 31.2101, 0.3944,
0.3190


 25.7312, 0.4288,
0.3166


 37.9034, 0.3659,
0.3217


 21.3897, 0.4691,
0.3148

 45.8733, 0.3428,
0.3245


 18.1067, 0.5135,
0.3143


 55.1828, 0.3242,
0.3271


 15.7915, 0.5580,
0.3155


 65.8897, 0.3093,
0.3296


 14.3378, 0.5968,
0.3186

 78.0483, 0.2973,
0.3319

 13.5998, 0.6241,
0.3232

 91.7101, 0.2875,
0.3339

 13.4681, 0.6292,
0.3240

 92.1525, 0.2849,
0.3289

Harmonies

Analogous

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



31.2101, 0.3497, 0.2828



31.2101, 0.3944, 0.3190



31.2101, 0.4151, 0.3596

Triad

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



31.2101, 0.3944, 0.3190



31.2101, 0.3214, 0.4167



31.2101, 0.2260, 0.2560

Complementary

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



31.2101, 0.3944, 0.3190



54.0360, 0.2652, 0.3397

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.



31.2101, 0.2201, 0.2850



31.2101, 0.3944, 0.3190



31.2101, 0.2724, 0.3825

Square

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



31.2101, 0.3944, 0.3190



31.2101, 0.3703, 0.4201



31.2101, 0.2362, 0.3315



31.2101, 0.2529, 0.2473

Rectangle

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



31.2101, 0.3944, 0.3190



31.2101, 0.4119, 0.3854



31.2101, 0.2362, 0.3315



31.2101, 0.2216, 0.2634

Sweetspot

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



31.2116, 0.3944, 0.3190



81.8746, 0.3305, 0.3262



32.6492, 0.3080, 0.2344



17.0869, 0.3330, 0.3258



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.



31.2116, 0.3944, 0.3190



42.3578, 0.4216, 0.3170



40.1322, 0.3896, 0.3670



11.8277, 0.3275, 0.3266



8.3992, 0.6271, 0.3228



0.4765, 0.5922, 0.3036

Inverse Universe

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



31.2116, 0.3944, 0.3190



42.3578, 0.4216, 0.3170



41.1845, 0.2547, 0.2871



11.8277, 0.3275, 0.3266



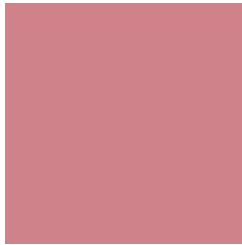
8.3992, 0.6271, 0.3228



0.4765, 0.5922, 0.3036

Previews

White Background



This preview shows how the Yxy color 31.2101, 0.3944, 0.3190 looks on a white background.

Color Contrast Check

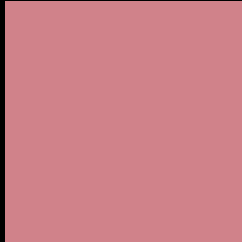
Large Text (above 18pt) WCAG AA × Fail

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 31.2101, 0.3944, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

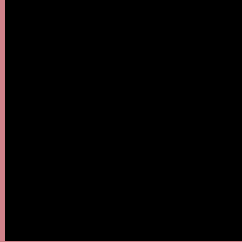
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2101, 0.3944, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 31.2101, 0.3944, 0.3190.



This preview shows how white text looks on a background with the Yxy color 31.2101, 0.3944, 0.3190.

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

31.2101, 0.3944, 0.3190

Protanopia

31.3038, 0.3177, 0.3305

Deuteranopia

31.5009, 0.3527, 0.3467



Tritanopia

31.2392, 0.3932, 0.3178

Trichromacy



Original Color

31.2101, 0.3944, 0.3190

Protanomaly

30.7189, 0.3432, 0.3247

Deuteranomaly

31.2664, 0.3679, 0.3362

Tritanomaly

31.2392, 0.3932, 0.3178

Monochromacy



Original Color

31.2101, 0.3944, 0.3190

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.3876, 0.3407, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2101, 0.3944, 0.3190 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(208, 130, 138)` looks like.

```
.text, #text, p{  
    color:rgb(208, 130, 138)  
}
```

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(208, 130, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 130, 138) }
```

Border

The CSS property to change the border of an element to Yxy 31.2101, 0.3944, 0.3190 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(208, 130, 138) }
```

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

```
.border{ border-color:rgb(208, 130, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 130, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 130, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 130, 138);  
box-shadow:4px 4px 4px 4px rgb(208, 130,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2101, 0.3944, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 130, 138) }
```

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

```
.background{ background-color: rgb(208,  
130, 138) }
```

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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