

Converting Colors

$Y_{xy}(31.1281, 0.4049, 0.3322)$

Have a look what the booklet for
Yxy(31.1281, 0.4049, 0.3322)
contains.

Yxy(31.2275, 0.4048, 0.3318)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.2275, 0.4048, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	D08381
RGB	208, 131, 129
RGB Percent	82%, 51%, 51%
CMY	0.1842, 0.4863, 0.4941
CMYK	0.00, 0.37, 0.38, 0.18
HSL	2°, 46%, 66%
HSV	2°, 38%, 82%
XYZ	38.0979, 31.2275, 24.7900
YIQ	153.7950, 46.5340, 15.7020

Conversions

Conversions Part 2

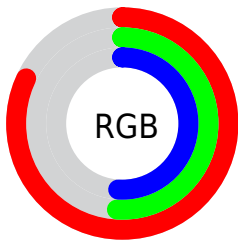
Format	Color
R _Y B	208, 131, 129
Decimal	13665153
CIE Lab	62.70, 29.44, 13.56
CIE LCh	63, 32.412, 24.739
Yxy	31.2275, 0.4048, 0.3318
Android (android.graphics.Color)	4291855233 (0xFFD08381)
YUV	153.7950, -12.2239, 47.5378
Hunter-Lab	55.8816, 23.9018, 12.8151

Details

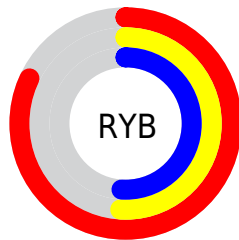
The Yxy color **31.2275, 0.4048, 0.3318** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.3890, 0.2598, 0.3262**, and the grayscale version is **32.2604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3353, 0.3754, 0.3323**, and **12.8958, 0.4362, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **25.8065, 0.4431, 0.3325**, and if you desaturate by 10%, it is **37.8303, 0.3730, 0.3310**.

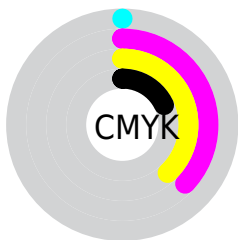
Distribution



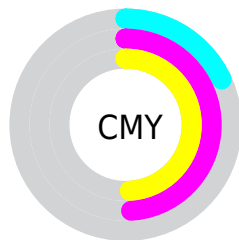
- Red (82%)
- Green (51%)
- Blue (51%)



- Red (82%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (38%)
- Black (18%)




- Cyan (18%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2275, 0.4048, 0.3318 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 31.2275, 0.4048, 0.3318 by changing the saturation by 10% instead.

 31.2275, 0.4048,
0.3318


 31.2275, 0.4048,
0.3318


307.5850, 0.3552,
0.3318

 20.7721, 0.4184,
0.3312


 61.5981, 0.3859,
0.3322

 12.9575, 0.4365,
0.3301


 82.2821, 0.3791,
0.3322

 7.3993, 0.4619,
0.3278


 107.1444, 0.3734,
0.3322

 3.7131, 0.4995,
0.3228

136.5695, 0.3686,
0.3321

 1.5144, 0.5657,
0.3137

170.9417, 0.3645,
0.3320

 0.2988, 0.7722,
0.2278

210.6454, 0.3610,

 0.0000, 0.0000,

0.3319

0.0000

256.0651, 0.3579,
0.3319

■ 31.2275, 0.4048,
0.3318

■ 31.2275, 0.4048,
0.3318

■ 25.8065, 0.4431,
0.3325

■ 37.8303, 0.3730,
0.3310

■ 21.4935, 0.4873,
0.3330

■ 45.6742, 0.3471,
0.3303

■ 18.2133, 0.5346,
0.3332


■ 54.8198, 0.3263,
0.3295

■ 15.8796, 0.5796,
0.3329


■ 65.3224, 0.3096,
0.3289


■ 14.3921, 0.6150,
0.3321

■ 77.2342, 0.2962,
0.3283

 13.6255, 0.6355,
0.3312

 90.6046, 0.2854,
0.3277

 13.5277, 0.6385,
0.3312

 92.1544, 0.2849,
0.3289

Harmonies

Analogous

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



31.2275, 0.3661, 0.2932



31.2275, 0.4048, 0.3318



31.2275, 0.4159, 0.3725

Triad

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



31.2275, 0.4048, 0.3318



31.2275, 0.3050, 0.4094



31.2275, 0.2319, 0.2506

Complementary

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



31.2275, 0.4048, 0.3318



53.3890, 0.2598, 0.3262

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.



31.2275, 0.2190, 0.2732



31.2275, 0.4048, 0.3318



31.2275, 0.2586, 0.3672

Square

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



31.2275, 0.4048, 0.3318



31.2275, 0.3558, 0.4231



31.2275, 0.2281, 0.3152



31.2275, 0.2652, 0.2480

Rectangle

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



31.2275, 0.4048, 0.3318



31.2275, 0.4063, 0.3968



31.2275, 0.2281, 0.3152



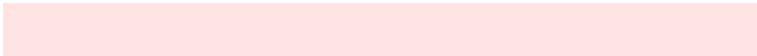
31.2275, 0.2253, 0.2558

Sweetspot

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



31.2290, 0.4048, 0.3318



82.0998, 0.3324, 0.3298



33.6074, 0.3184, 0.2372



17.1400, 0.3351, 0.3299



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.



31.2290, 0.4048, 0.3318



42.0310, 0.4372, 0.3324



43.6873, 0.3859, 0.3803



11.8550, 0.3290, 0.3296



8.4495, 0.6380, 0.3316



0.4895, 0.6314, 0.3369

Inverse Universe

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



53.3890, 0.2598, 0.3262



82.2542, 0.2505, 0.3255



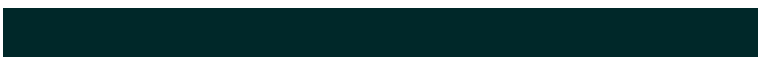
36.9344, 0.2517, 0.2711



13.3540, 0.2983, 0.3284



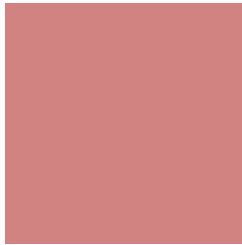
29.4169, 0.2225, 0.3212



1.6612, 0.2230, 0.3226

Previews

White Background



This preview shows how the Yxy color 31.2275, 0.4048, 0.3318 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 31.2275, 0.4048, 0.3318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

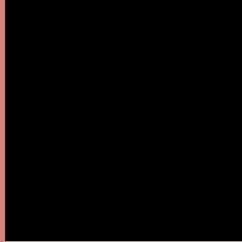
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2275, 0.4048, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 31.2275, 0.4048, 0.3318.



This preview shows how white text looks on a background with the Yxy color 31.2275, 0.4048, 0.3318.

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

31.2275, 0.4048, 0.3318

Protanopia

31.6190, 0.3303, 0.3474

Deuteranopia

31.2942, 0.3658, 0.3583



Tritanopia

31.1199, 0.3947, 0.3165

Trichromacy



Original Color

31.2275, 0.4048, 0.3318

Protanomaly

30.9542, 0.3558, 0.3408

Deuteranomaly

31.2734, 0.3802, 0.3487

Tritanomaly

31.2698, 0.3991, 0.3229

Monochromacy



Original Color

31.2275, 0.4048, 0.3318

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6008, 0.3436, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2275, 0.4048, 0.3318 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, 131, 129)` looks like.

```
.text, #text, p{  
    color:rgb(208, 131, 129)  
}
```

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, 131, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 131, 129) }
```

Border

The CSS property to change the border of an element to Yxy 31.2275, 0.4048, 0.3318 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, 131, 129) }
```

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

```
.border{ border-color:rgb(208, 131, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 131, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 131, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 131, 129); box-shadow:4px 4px 4px 4px rgb(208, 131, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2275, 0.4048, 0.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 131, 129) }
```

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

```
.background{ background-color: rgb(208,  
131, 129) }
```

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