

Converting Colors

$Y_{xy}(31.9302, 0.4003, 0.3194)$

Have a look what the booklet for
Yxy(31.9302, 0.4003, 0.3194)
contains.

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Color

Yxy(31.9464, 0.3999, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	D5828A
RGB	213, 130, 138
RGB Percent	84%, 51%, 54%
CMY	0.1647, 0.4902, 0.4589
CMYK	0.00, 0.39, 0.35, 0.16
HSL	354°, 50%, 67%
HSV	354°, 39%, 84%
XYZ	40.0105, 31.9464, 28.0944
YIQ	155.7290, 46.9000, 20.0840

Conversions

Conversions Part 2

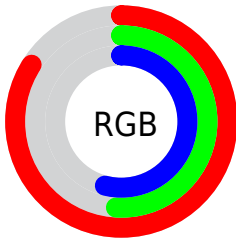
Format	Color
R _Y B	213, 130, 138
Decimal	13992586
CIE Lab	63.30, 32.92, 9.40
CIE LCh	63, 34.238, 15.928
Yxy	31.9464, 0.3999, 0.3193
Android (android.graphics.Color)	4292182666 (0xFFD5828A)
YUV	155.7290, -8.7404, 50.2267
Hunter-Lab	56.5211, 27.4457, 10.0941

Details

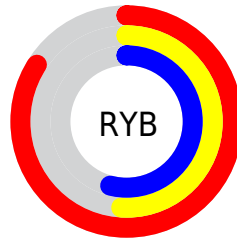
The Yxy color **31.9464, 0.3999, 0.3193** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.7465, 0.2633, 0.3394**, and the grayscale version is **33.1432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3026, 0.3679, 0.3219**, and **13.3645, 0.4300, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **26.3466, 0.4356, 0.3171**, and if you desaturate by 10%, it is **38.8210, 0.3703, 0.3218**.

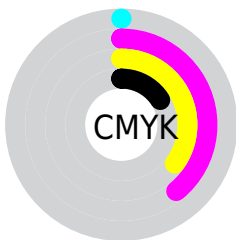
Distribution



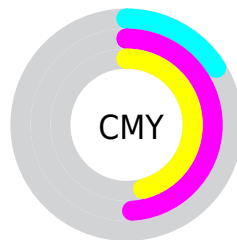
- Red (84%)
- Green (51%)
- Blue (54%)



- Red (84%)
- Yellow (51%)
- Blue (54%)



- Cyan (0%)
- Magenta (39%)
- Yellow (35%)
- Black (16%)




- Cyan (16%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9464, 0.3999, 0.3193 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 31.9464, 0.3999, 0.3193 by changing the saturation by 10% instead.


 31.9464, 0.3999,
0.3193


 31.9464, 0.3999,
0.3193


310.8750, 0.3532,
0.3255

 21.3206, 0.4126,
0.3172


 62.7271, 0.3822,
0.3219

 13.3585, 0.4296,
0.3142


 83.6507, 0.3757,
0.3228

 7.6759, 0.4533,
0.3096


 108.7756, 0.3704,
0.3235

 3.8883, 0.4885,
0.3016

138.4864, 0.3659,
0.3241

 1.6113, 0.5454,
0.2864

173.1673, 0.3620,
0.3245

 0.3652, 0.7652,
0.2348

213.2028, 0.3587,

 0.0000, 1.0000,

0.3249

0.0000

258.9772, 0.3558,
0.3252

0.0000, 0.0000,
0.0000

31.9464, 0.3999,
0.3193

31.9464, 0.3999,
0.3193

26.3466, 0.4356,
0.3171

38.8210, 0.3703,
0.3218

21.9388, 0.4770,
0.3156

47.0372, 0.3462,
0.3244

18.6379, 0.5221,
0.3154

56.6628, 0.3268,
0.3269

16.3452, 0.5663,
0.3169

67.7595, 0.3113,
0.3292

14.9449, 0.6035,
0.3202

80.3855, 0.2987,
0.3314

■ 14.2544, 0.6284,
0.3243

■ 92.7909, 0.2885,
0.3305

■ 14.1991, 0.6303,
0.3246

■ 92.8869, 0.2877,
0.3289

Harmonies

Analogous

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



31.9464, 0.3531, 0.2813



31.9464, 0.3999, 0.3193



31.9464, 0.4209, 0.3618

Triad

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



31.9464, 0.3999, 0.3193



31.9464, 0.3201, 0.4214



31.9464, 0.2222, 0.2517

Complementary

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



31.9464, 0.3999, 0.3193



56.7465, 0.2633, 0.3394

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.



31.9464, 0.2153, 0.2814



31.9464, 0.3999, 0.3193



31.9464, 0.2689, 0.3844

Square

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



31.9464, 0.3999, 0.3193



31.9464, 0.3719, 0.4254



31.9464, 0.2315, 0.3300



31.9464, 0.2508, 0.2432

Rectangle

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



31.9464, 0.3999, 0.3193



31.9464, 0.4168, 0.3889



31.9464, 0.2315, 0.3300



31.9464, 0.2174, 0.2592

Sweetspot

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



31.9480, 0.3999, 0.3193



80.3514, 0.3325, 0.3261



33.7083, 0.3091, 0.2311



16.7828, 0.3350, 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.



31.9480, 0.3999, 0.3193



40.7259, 0.4299, 0.3174



42.0260, 0.3930, 0.3702



12.4400, 0.3276, 0.3268



8.6798, 0.6283, 0.3235



0.5303, 0.5970, 0.3063

Inverse Universe

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



31.9480, 0.3999, 0.3193



40.7259, 0.4299, 0.3174



42.1145, 0.2521, 0.2832



12.4400, 0.3276, 0.3268



8.6798, 0.6283, 0.3235



0.5303, 0.5970, 0.3063

Previews

White Background



This preview shows how the Yxy color 31.9464, 0.3999, 0.3193 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 31.9464, 0.3999, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

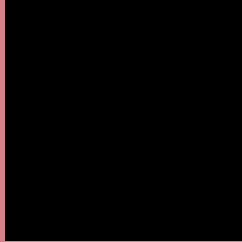
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9464, 0.3999, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 31.9464, 0.3999, 0.3193.



This preview shows how white text looks on a background with the Yxy color 31.9464, 0.3999, 0.3193.

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

31.9464, 0.3999, 0.3193

Protanopia

32.1526, 0.3195, 0.3336

Deuteranopia

32.0430, 0.3545, 0.3480



Tritanopia

31.9755, 0.3987, 0.3180

Trichromacy



Original Color

31.9464, 0.3999, 0.3193

Protanomaly

31.6732, 0.3460, 0.3277

Deuteranomaly

31.6461, 0.3712, 0.3361

Tritanomaly

31.9755, 0.3987, 0.3180

Monochromacy



Original Color

31.9464, 0.3999, 0.3193

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.3845, 0.3424, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9464, 0.3999, 0.3193 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(213, 130, 138)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 130, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 130, 138) }
```

Border

The CSS property to change the border of an element to Yxy 31.9464, 0.3999, 0.3193 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(213, 130, 138) }
```

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

```
.border{ border-color:rgb(213, 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(213, 130, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 130, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 130, 138);  
box-shadow:4px 4px 4px 4px rgb(213, 130,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9464, 0.3999, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 130, 138) }
```

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

```
.background{ background-color: rgb(213,  
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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