

Converting Colors

$Y_{xy}(31.9929, 0.4096, 0.3244)$

Have a look what the booklet for
Yxy(31.9929, 0.4096, 0.3244)
contains.

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Color

Yxy(31.9929, 0.4096, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	D88185
RGB	216, 129, 133
RGB Percent	85%, 51%, 52%
CMY	0.1531, 0.4940, 0.4785
CMYK	0.00, 0.40, 0.38, 0.15
HSL	357°, 53%, 68%
HSV	357°, 40%, 85%
XYZ	40.3955, 31.9929, 26.2334
YIQ	155.4690, 50.5680, 19.6880

Conversions

Conversions Part 2

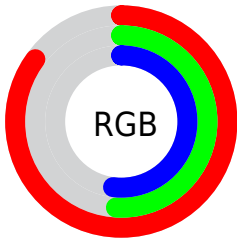
Format	Color
R _Y B	216, 129, 133
Decimal	14188933
CIE Lab	63.34, 33.96, 12.34
CIE LCh	63, 36.127, 19.969
Yxy	31.9929, 0.4096, 0.3244
Android (android.graphics.Color)	4292379013 (0xFFD88185)
YUV	155.4690, -11.0772, 53.0857
Hunter-Lab	56.5623, 28.4966, 12.0951

Details

The Yxy color **31.9929, 0.4096, 0.3244** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.5183, 0.2596, 0.3340**, and the grayscale version is **33.0318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6721, 0.3725, 0.3260**, and **13.3580, 0.4410, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **26.3774, 0.4483, 0.3235**, and if you desaturate by 10%, it is **38.9257, 0.3773, 0.3255**.

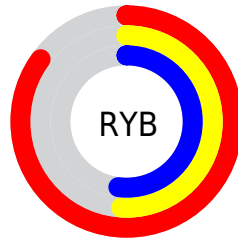
Distribution



Red (85%)

Green (51%)

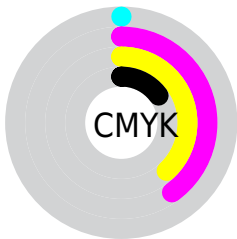
Blue (52%)



Red (85%)

Yellow (51%)

Blue (52%)

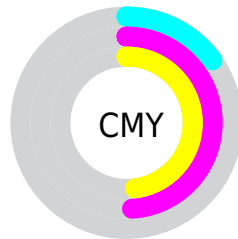


Cyan (0%)

Magenta (40%)

Yellow (38%)

Black (15%)



Cyan (15%)


Magenta (49%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9929, 0.4096, 0.3244 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 31.9929, 0.4096, 0.3244 by changing the saturation by 10% instead.

 31.9929, 0.4096,
0.3244


 31.9929, 0.4096,
0.3244


311.0869, 0.3577,
0.3283


 21.3561, 0.4237,
0.3228


 62.8000, 0.3899,
0.3263

 13.3845, 0.4425,
0.3203


 83.7390, 0.3827,
0.3268

 7.6939, 0.4687,
0.3162


 108.8809, 0.3768,
0.3272

 3.8997, 0.5073,
0.3087

138.6100, 0.3718,
0.3276

 1.6176, 0.5705,
0.2941

173.3108, 0.3675,
0.3278

 0.3694, 0.7686,
0.2314

213.3676, 0.3638,


 0.0000, 1.0000,


0.3280

0.0000


259.1648, 0.3605,
0.3282


 0.0000, 0.0000,
0.0000


 31.9929, 0.4096,
0.3244

 31.9929, 0.4096,
0.3244

 26.3774, 0.4483,
0.3235


 38.9257, 0.3773,
0.3255

 21.9915, 0.4927,
0.3230


 47.2469, 0.3510,
0.3267


 18.7444, 0.5396,
0.3232


 57.0279, 0.3300,
0.3279

 16.5307, 0.5835,
0.3242

 68.3342, 0.3131,
0.3290

 15.2254, 0.6172,
0.3262

 81.2269, 0.2996,
0.3300

 14.6158, 0.6361,
0.3278

 93.3342, 0.2894,
0.3289

Harmonies

Analogous

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



31.9929, 0.3628, 0.2837



31.9929, 0.4096, 0.3244



31.9929, 0.4271, 0.3689

Triad

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



31.9929, 0.4096, 0.3244



31.9929, 0.3126, 0.4236



31.9929, 0.2205, 0.2453

Complementary

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



31.9929, 0.4096, 0.3244



58.5183, 0.2596, 0.3340

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.



31.9929, 0.2102, 0.2731



31.9929, 0.4096, 0.3244



31.9929, 0.2600, 0.3804

Square

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



31.9929, 0.4096, 0.3244



31.9929, 0.3679, 0.4322



31.9929, 0.2237, 0.3220



31.9929, 0.2532, 0.2395

Rectangle

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



31.9929, 0.4096, 0.3244



31.9929, 0.4196, 0.3968



31.9929, 0.2237, 0.3220



31.9929, 0.2145, 0.2520

Sweetspot

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



31.9945, 0.4096, 0.3244



80.2664, 0.3335, 0.3277



34.6042, 0.3131, 0.2291



16.7629, 0.3362, 0.3275



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.



31.9945, 0.4096, 0.3244



39.7661, 0.4409, 0.3236



44.2403, 0.3943, 0.3768



12.4299, 0.3284, 0.3280



8.6582, 0.6348, 0.3271



0.5255, 0.6186, 0.3182

Inverse Universe

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



31.9945, 0.4096, 0.3244



39.7661, 0.4409, 0.3236



41.0080, 0.2492, 0.2751



12.4299, 0.3284, 0.3280



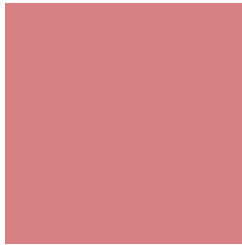
8.6582, 0.6348, 0.3271



0.5255, 0.6186, 0.3182

Previews

White Background



This preview shows how the Yxy color 31.9929, 0.4096, 0.3244 looks on a white background.

Color Contrast Check

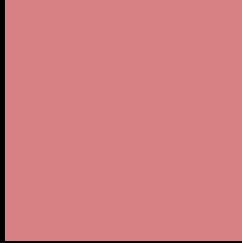
Large Text (above 18pt) WCAG AA × Fail

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 31.9929, 0.4096, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

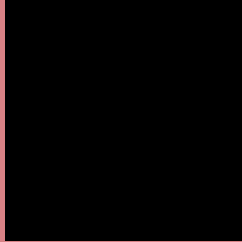
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9929, 0.4096, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 31.9929, 0.4096, 0.3244.



This preview shows how white text looks on a background with the Yxy color 31.9929, 0.4096, 0.3244.

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

31.9929, 0.4096, 0.3244

Protanopia

32.1269, 0.3244, 0.3397

Deuteranopia

32.1386, 0.3619, 0.3552



Tritanopia

31.8723, 0.4040, 0.3170

Trichromacy



Original Color

31.9929, 0.4096, 0.3244

Protanomaly

31.4533, 0.3537, 0.3334

Deuteranomaly

31.7648, 0.3790, 0.3429

Tritanomaly

31.8148, 0.4065, 0.3194

Monochromacy



Original Color

31.9929, 0.4096, 0.3244

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.0115, 0.3447, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9929, 0.4096, 0.3244 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(216, 129, 133)` looks like.

```
.text, #text, p{  
    color:rgb(216, 129, 133)  
}
```

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(216, 129, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 129, 133) }
```

Border

The CSS property to change the border of an element to Yxy 31.9929, 0.4096, 0.3244 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(216, 129, 133) }
```

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

```
.border{ border-color:rgb(216, 129, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 129, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 129, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 129, 133);  
box-shadow:4px 4px 4px 4px rgb(216, 129,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9929, 0.4096, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 129, 133) }
```

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

```
.background{ background-color: rgb(216,  
129, 133) }
```

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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