

Converting Colors

$Y_{xy}(32.0111, 0.3740, 0.3319)$

Have a look what the booklet for
Yxy(32.0111, 0.3740, 0.3319)
contains.

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Color

Yxy(31.9286, 0.3738, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	C18C8A
RGB	193, 140, 138
RGB Percent	76%, 55%, 54%
CMY	0.2431, 0.4510, 0.4588
CMYK	0.00, 0.27, 0.29, 0.24
HSL	2°, 31%, 65%
HSV	2°, 29%, 76%
XYZ	35.9594, 31.9286, 28.3115
YIQ	155.6190, 32.2300, 10.6140

Conversions

Conversions Part 2

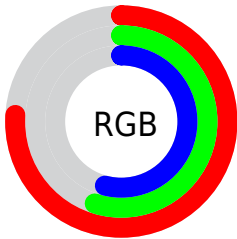
Format	Color
R _Y B	193, 140, 138
Decimal	12684426
CIE Lab	63.28, 19.89, 9.04
CIE LCh	63, 21.846, 24.453
Yxy	31.9286, 0.3738, 0.3319
Android (android.graphics.Color)	4290874506 (0xFFC18C8A)
YUV	155.6190, -8.6862, 32.7831
Hunter-Lab	56.5054, 14.7108, 9.8471

Details

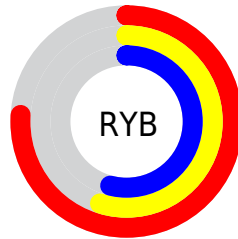
The Yxy color **31.9286, 0.3738, 0.3319** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5183, 0.2716, 0.3261**, and the grayscale version is **33.0967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6692, 0.3612, 0.3323**, and **13.2526, 0.3951, 0.3311** is the 20% darker color. If you saturate the color by 10%, you get **26.4362, 0.4055, 0.3330**, and if you desaturate by 10%, it is **38.4420, 0.3480, 0.3308**.

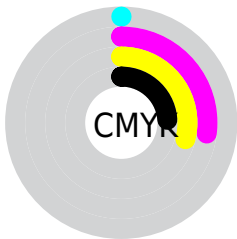
Distribution



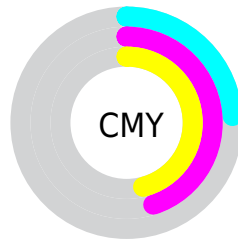
- Red (76%)
- Green (55%)
- Blue (54%)



- Red (76%)
- Yellow (55%)
- Blue (54%)



- Cyan (0%)
- Magenta (27%)
- Yellow (29%)
- Black (24%)





- Cyan (24%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9286, 0.3738, 0.3319 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 31.9286, 0.3738, 0.3319 by changing the saturation by 10% instead.


 31.9286, 0.3738,
0.3319


 31.9286, 0.3738,
0.3319


310.7939, 0.3410,
0.3310


 21.3070, 0.3828,
0.3319


 62.6991, 0.3613,
0.3317

 13.3486, 0.3948,
0.3317


 83.6168, 0.3568,
0.3316

 7.6690, 0.4116,
0.3311


 108.7353, 0.3531,
0.3315

 3.8839, 0.4370,
0.3295

138.4391, 0.3499,
0.3314

 1.6088, 0.4792,
0.3250

173.1124, 0.3472,
0.3313

 0.3635, 0.6957,
0.3043


213.1397, 0.3449,


 0.0000, 0.0000,


0.3312


0.0000

258.9054, 0.3428,
0.3311


 31.9286, 0.3738,
0.3319


 31.9286, 0.3738,
0.3319

 26.4362, 0.4055,
0.3330


 38.4420, 0.3480,
0.3308

 21.9088, 0.4435,
0.3340


 46.0196, 0.3272,
0.3298


 18.2919, 0.4872,
0.3347

 54.7077, 0.3104,
0.3289

 15.5241, 0.5340,
0.3349

 64.5484, 0.2969,
0.3280

 13.5360, 0.5786,
0.3344

 75.5819, 0.2860,
0.3272

■ 12.2474, 0.6139,
0.3332

■ 87.8462, 0.2771,
0.3266

■ 11.5580, 0.6351,
0.3319

■ 90.0786, 0.2768,
0.3289

■ 11.4911, 0.6376,
0.3320

Harmonies

Analogous

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



31.9286, 0.3483, 0.3045



31.9286, 0.3738, 0.3319



31.9286, 0.3818, 0.3601

Triad

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



31.9286, 0.3738, 0.3319



31.9286, 0.3088, 0.3813



31.9286, 0.2571, 0.2756

Complementary

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



31.9286, 0.3738, 0.3319



46.5183, 0.2716, 0.3261

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.



31.9286, 0.2481, 0.2924



31.9286, 0.3738, 0.3319



31.9286, 0.2768, 0.3547

Square

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



31.9286, 0.3738, 0.3319



31.9286, 0.3431, 0.3912



31.9286, 0.2550, 0.3212



31.9286, 0.2805, 0.2729

Rectangle

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



31.9286, 0.3738, 0.3319



31.9286, 0.3761, 0.3760



31.9286, 0.2550, 0.3212



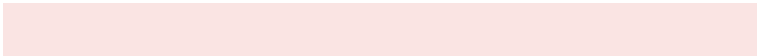
31.9286, 0.2524, 0.2797

Sweetspot

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



31.9301, 0.3738, 0.3319



81.4863, 0.3284, 0.3299



33.2846, 0.3178, 0.2611



17.0320, 0.3312, 0.3300



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.9301, 0.3738, 0.3319



51.0349, 0.3922, 0.3326



40.9348, 0.3638, 0.3681



10.1353, 0.3288, 0.3299



7.6677, 0.6370, 0.3324



0.3520, 0.6257, 0.3414

Inverse Universe

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



46.5183, 0.2716, 0.3261



81.2918, 0.2640, 0.3254



35.6869, 0.2674, 0.2864



11.3635, 0.2984, 0.3281



25.9378, 0.2216, 0.3177



1.1406, 0.2223, 0.3203

Previews

White Background



This preview shows how the Yxy color 31.9286, 0.3738, 0.3319 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 31.9286, 0.3738, 0.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

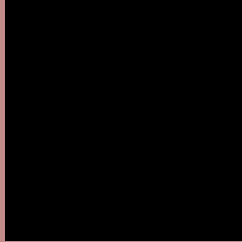
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9286, 0.3738, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 31.9286, 0.3738, 0.3319.



This preview shows how white text looks on a background with the Yxy color 31.9286, 0.3738, 0.3319.

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

31.9286, 0.3738, 0.3319

Protanopia

32.0959, 0.3253, 0.3412

Deuteranopia

32.0999, 0.3524, 0.3451



Tritanopia

31.8162, 0.3632, 0.3143

Trichromacy



Original Color

31.9286, 0.3738, 0.3319

Protanomaly

31.7907, 0.3430, 0.3379

Deuteranomaly

32.0020, 0.3610, 0.3405

Tritanomaly

31.9789, 0.3674, 0.3211

Monochromacy



Original Color

31.9286, 0.3738, 0.3319

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.4176, 0.3333, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9286, 0.3738, 0.3319 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(193, 140, 138)` looks like.

```
.text, #text, p{  
    color:rgb(193, 140, 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(193, 140, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 140, 138) }
```

Border

The CSS property to change the border of an element to Yxy 31.9286, 0.3738, 0.3319 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(193, 140, 138) }
```

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

```
.border{ border-color:rgb(193, 140, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 140, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 140, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 140, 138);  
box-shadow:4px 4px 4px 4px rgb(193, 140,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9286, 0.3738, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 140, 138) }
```

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

```
.background{ background-color: rgb(193,  
140, 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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