

Converting Colors

$Y_{xy}(30.3798, 0.3758, 0.3078)$

Have a look what the booklet for
Yxy(30.3798, 0.3758, 0.3078)
contains.

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Color

Yxy(30.3199, 0.3759, 0.3081)

Conversions

Conversions Part 1

Format	Color
Hex	C88292
RGB	200, 130, 146
RGB Percent	78%, 51%, 57%
CMY	0.2157, 0.4902, 0.4274
CMYK	0.00, 0.35, 0.27, 0.22
HSL	346°, 39%, 65%
HSV	346°, 35%, 78%
XYZ	36.9920, 30.3199, 31.0973
YIQ	152.7540, 36.5840, 19.8160

Conversions

Conversions Part 2

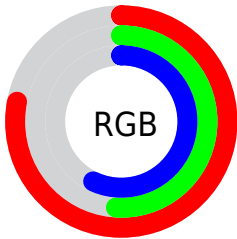
Format	Color
R _Y B	200, 130, 146
Decimal	13140626
CIE Lab	61.93, 29.15, 2.65
CIE LCh	62, 29.275, 5.196
Yxy	30.3199, 0.3759, 0.3081
Android (android.graphics.Color)	4291330706 (0xFFC88292)
YUV	152.7540, -3.3297, 41.4347
Hunter-Lab	55.0635, 23.5564, 5.0602

Details

The Yxy color $30.3199, 0.3759, 0.3081$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.5193, 0.2733, 0.3514$, and the grayscale version is $31.7464, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.7111, 0.3601, 0.3125$, and $12.3658, 0.3967, 0.2990$ is the 20% darker color. If you saturate the color by 10%, you get $25.0595, 0.4036, 0.3022$, and if you desaturate by 10%, it is $36.6821, 0.3530, 0.3143$.

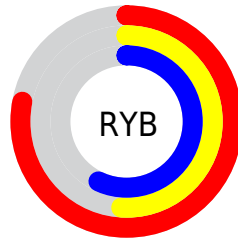
Distribution



Red (78%)

Green (51%)

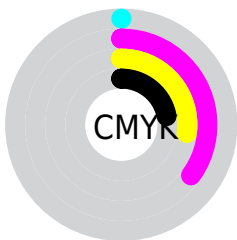
Blue (57%)



Red (78%)

Yellow (51%)

Blue (57%)

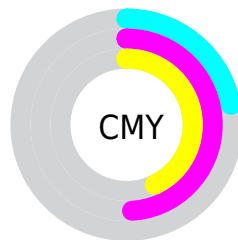


Cyan (0%)

Magenta (35%)

Yellow (27%)

Black (22%)



Cyan (22%)


Magenta (49%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3199, 0.3759, 0.3081 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 30.3199, 0.3759, 0.3081 by changing the saturation by 10% instead.


 30.3199, 0.3759,
0.3081


 30.3199, 0.3759,
0.3081


303.3927, 0.3419,
0.3196

 20.0815, 0.3852,
0.3049


 60.1677, 0.3630,
0.3125

 12.4543, 0.3977,
0.3005


 80.5459, 0.3583,
0.3141

 7.0539, 0.4154,
0.2941


 105.0729, 0.3544,
0.3154

 3.4958, 0.4422,
0.2844

134.1330, 0.3511,
0.3165

 1.3957, 0.4870,
0.2673

168.1107, 0.3483,
0.3175

 0.2136, 0.7785,
0.1814


207.3902, 0.3459,


 0.0000, 0.0000,


0.3183

0.0000


252.3561, 0.3438,
0.3190


 30.3199, 0.3759,
0.3081


 30.3199, 0.3759,
0.3081


 25.0595, 0.4036,
0.3022


 36.6821, 0.3530,
0.3143


 20.8338, 0.4363,
0.2973

 44.1996, 0.3343,
0.3204


 17.5752, 0.4735,
0.2941


 52.9274, 0.3192,
0.3262

 15.2061, 0.5134,
0.2938

 62.9159, 0.3069,
0.3317

 13.6368, 0.5525,
0.2971


 74.2126, 0.2969,
0.3366

 12.7585, 0.5863,
0.3043

 86.8623, 0.2888,
0.3412

 12.4756, 0.6007,
0.3083

 90.9567, 0.2810,
0.3299

 91.0205, 0.2805,
0.3289

Harmonies

Analogous

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



30.3199, 0.3309, 0.2770



30.3199, 0.3759, 0.3081



30.3199, 0.4034, 0.3453

Triad

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



30.3199, 0.3759, 0.3081



30.3199, 0.3366, 0.4134



30.3199, 0.2284, 0.2687

Complementary

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



30.3199, 0.3759, 0.3081



49.5193, 0.2733, 0.3514

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.



30.3199, 0.2298, 0.3017



30.3199, 0.3759, 0.3081



30.3199, 0.2901, 0.3908

Square

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



30.3199, 0.3759, 0.3081



30.3199, 0.3787, 0.4080



30.3199, 0.2515, 0.3474



30.3199, 0.2473, 0.2541

Rectangle

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



30.3199, 0.3759, 0.3081



30.3199, 0.4069, 0.3701



30.3199, 0.2515, 0.3474



30.3199, 0.2266, 0.2778

Sweetspot

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



30.3213, 0.3759, 0.3081



82.0747, 0.3281, 0.3227



30.2860, 0.3003, 0.2387



17.1343, 0.3303, 0.3219



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.



30.3213, 0.3759, 0.3081



45.4016, 0.3965, 0.3036



35.2827, 0.3865, 0.3538



10.6760, 0.3254, 0.3237



7.9431, 0.5974, 0.3065



0.3876, 0.5371, 0.2733

Inverse Universe

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



30.3213, 0.3759, 0.3081



45.4016, 0.3965, 0.3036



42.1025, 0.2603, 0.3025



10.6760, 0.3254, 0.3237



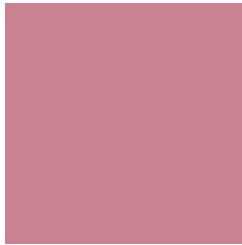
7.9431, 0.5974, 0.3065



0.3876, 0.5371, 0.2733

Previews

White Background



This preview shows how the Yxy color 30.3199, 0.3759, 0.3081 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 30.3199, 0.3759, 0.3081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

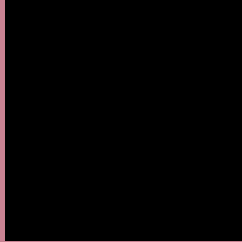
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3199, 0.3759, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 30.3199, 0.3759, 0.3081.



This preview shows how white text looks on a background with the Yxy color 30.3199, 0.3759, 0.3081.

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

30.3199, 0.3759, 0.3081

Protanopia

30.5085, 0.3072, 0.3167

Deuteranopia

30.4495, 0.3383, 0.3321



Tritanopia

30.2978, 0.3804, 0.3159

Trichromacy



Original Color

30.3199, 0.3759, 0.3081

Protanomaly

30.0809, 0.3306, 0.3129

Deuteranomaly

30.3535, 0.3516, 0.3234

Tritanomaly

30.3579, 0.3780, 0.3133

Monochromacy



Original Color

30.3199, 0.3759, 0.3081

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.9989, 0.3343, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3199, 0.3759, 0.3081 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(200, 130, 146)` looks like.

```
.text, #text, p{  
    color:rgb(200, 130, 146)  
}
```

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(200, 130, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 130, 146) }
```

Border

The CSS property to change the border of an element to Yxy 30.3199, 0.3759, 0.3081 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(200, 130, 146) }
```

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

```
.border{ border-color:rgb(200, 130, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 130, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 130, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 130, 146);  
box-shadow:4px 4px 4px 4px rgb(200, 130,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3199, 0.3759, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 130, 146) }
```

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

```
.background{ background-color: rgb(200,  
130, 146) }
```

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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