

Converting Colors

$Y_{xy}(30.7601, 0.3702, 0.3015)$

Have a look what the booklet for
Yxy(30.7601, 0.3702, 0.3015)
contains.

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Color

Yxy(30.6498, 0.3699, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	C98298
RGB	201, 130, 152
RGB Percent	79%, 51%, 60%
CMY	0.2117, 0.4902, 0.4039
CMYK	0.00, 0.35, 0.24, 0.21
HSL	341°, 40%, 65%
HSV	341°, 35%, 79%
XYZ	37.7409, 30.6498, 33.6393
YIQ	153.7370, 35.2540, 21.8940

Conversions

Conversions Part 2

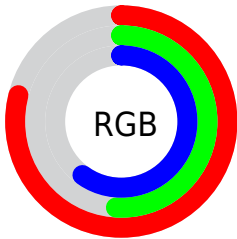
Format	Color
R _Y B	201, 130, 152
Decimal	13206168
CIE Lab	62.21, 30.39, -0.36
CIE LCh	62, 30.390, 359.324
Yxy	30.6498, 0.3699, 0.3004
Android (android.graphics.Color)	4291396248 (0xFFC98298)
YUV	153.7370, -0.8563, 41.4497
Hunter-Lab	55.3623, 24.8009, 2.7277

Details

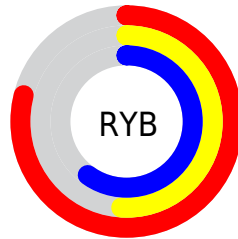
The Yxy color **30.6498, 0.3699, 0.3004** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.7789, 0.2765, 0.3601**, and the grayscale version is **32.1870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9972, 0.3550, 0.3064**, and **12.5513, 0.3892, 0.2904** is the 20% darker color. If you saturate the color by 10%, you get **25.3879, 0.3945, 0.2924**, and if you desaturate by 10%, it is **37.0123, 0.3495, 0.3088**.

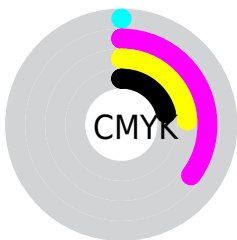
Distribution



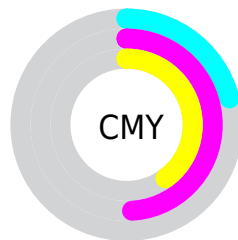
- Red (79%)
- Green (51%)
- Blue (60%)



- Red (79%)
- Yellow (51%)
- Blue (60%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (21%)





- Cyan (21%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6498, 0.3699, 0.3004 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 30.6498, 0.3699, 0.3004 by changing the saturation by 10% instead.


 30.6498, 0.3699,
0.3004


 30.6498, 0.3699,
0.3004


304.9217, 0.3394,
0.3157

 20.3323, 0.3782,
0.2963


 60.6883, 0.3583,
0.3062

 12.6368, 0.3894,
0.2907

 81.1781, 0.3541,
0.3083

 7.1790, 0.4050,
0.2829

 105.8275, 0.3506,
0.3100

 3.5743, 0.4285,
0.2713

135.0208, 0.3477,
0.3115

 1.4384, 0.4676,
0.2520

169.1425, 0.3451,
0.3128

 0.2448, 0.6467,
0.1613

208.5770, 0.3429,

 0.0000, 0.0000,

0.3139

0.0000

253.7086, 0.3410,
0.3148

■ 30.6498, 0.3699,
0.3004

■ 30.6498, 0.3699,
0.3004

■ 25.3879, 0.3945,
0.2924

■ 37.0123, 0.3495,
0.3088

■ 21.1593, 0.4233,
0.2854

■ 44.5288, 0.3327,
0.3171

■ 17.8960, 0.4562,
0.2806


■ 53.2546, 0.3190,
0.3250


■ 15.5202, 0.4917,
0.2790


■ 63.2402, 0.3078,
0.3324

■ 13.9417, 0.5274,
0.2818

■ 74.5330, 0.2986,
0.3392

 13.0503, 0.5601,
0.2894

 87.1780, 0.2912,
0.3454

 12.7706, 0.5741,
0.2936

 90.7847, 0.2841,
0.3351

 91.1592, 0.2811,
0.3289

Harmonies

Analogous

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



30.6498, 0.3215, 0.2704



30.6498, 0.3699, 0.3004



30.6498, 0.4030, 0.3379

Triad

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



30.6498, 0.3699, 0.3004



30.6498, 0.3466, 0.4176



30.6498, 0.2244, 0.2719

Complementary

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



30.6498, 0.3699, 0.3004



49.7789, 0.2765, 0.3601

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.



30.6498, 0.2299, 0.3092



30.6498, 0.3699, 0.3004



30.6498, 0.2983, 0.3999

Square

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



30.6498, 0.3699, 0.3004



30.6498, 0.3877, 0.4066



30.6498, 0.2560, 0.3576



30.6498, 0.2398, 0.2531

Rectangle

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



30.6498, 0.3699, 0.3004



30.6498, 0.4104, 0.3638



30.6498, 0.2560, 0.3576



30.6498, 0.2239, 0.2824

Sweetspot

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



30.6513, 0.3699, 0.3004



82.2065, 0.3266, 0.3205



29.7092, 0.2943, 0.2362



17.1655, 0.3285, 0.3194



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.



30.6513, 0.3699, 0.3004



45.7491, 0.3873, 0.2945



33.6807, 0.3902, 0.3464



10.6902, 0.3242, 0.3219



8.0432, 0.5704, 0.2916



0.3940, 0.5099, 0.2582

Inverse Universe

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



30.6513, 0.3699, 0.3004



45.7491, 0.3873, 0.2945



44.9265, 0.2609, 0.3107



10.6902, 0.3242, 0.3219



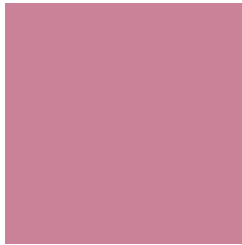
8.0432, 0.5704, 0.2916



0.3940, 0.5099, 0.2582

Previews

White Background



This preview shows how the Yxy color 30.6498, 0.3699, 0.3004 looks on a white background.

Color Contrast Check

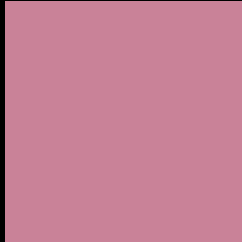
Large Text (above 18pt) WCAG AA × Fail

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 30.6498, 0.3699, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

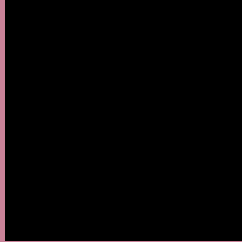
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6498, 0.3699, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 30.6498, 0.3699, 0.3004.



This preview shows how white text looks on a background with the Yxy color 30.6498, 0.3699, 0.3004.

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

30.6498, 0.3699, 0.3004

Protanopia

30.9771, 0.2998, 0.3077

Deuteranopia

30.8347, 0.3309, 0.3246



Tritanopia

30.7349, 0.3799, 0.3160

Trichromacy



Original Color

30.6498, 0.3699, 0.3004

Protanomaly

30.6180, 0.3234, 0.3044

Deuteranomaly

30.5419, 0.3451, 0.3149

Tritanomaly

30.5873, 0.3755, 0.3094

Monochromacy



Original Color

30.6498, 0.3699, 0.3004

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.2086, 0.3323, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6498, 0.3699, 0.3004 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(201, 130, 152)` looks like.

```
.text, #text, p{  
    color:rgb(201, 130, 152)  
}
```

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(201, 130, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 130, 152) }
```

Border

The CSS property to change the border of an element to Yxy 30.6498, 0.3699, 0.3004 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(201, 130, 152) }
```

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

```
.border{ border-color:rgb(201, 130, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 130, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 130, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 130, 152);  
box-shadow:4px 4px 4px 4px rgb(201, 130,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6498, 0.3699, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 130, 152) }
```

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

```
.background{ background-color: rgb(201,  
130, 152) }
```

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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