

Converting Colors

$Y_{xy}(31.0200, 0.3685, 0.2891)$

Have a look what the booklet for
Yxy(31.0200, 0.3685, 0.2891)
contains.

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Color

Yxy(30.9473, 0.3692, 0.2886)

Conversions

Conversions Part 1

Format	Color
Hex	CF7F9F
RGB	207, 127, 159
RGB Percent	81%, 50%, 62%
CMY	0.1881, 0.5021, 0.3764
CMYK	0.00, 0.39, 0.23, 0.19
HSL	336°, 46%, 65%
HSV	336°, 39%, 81%
XYZ	39.5902, 30.9473, 36.6950
YIQ	154.5680, 37.4080, 26.9120

Conversions

Conversions Part 2

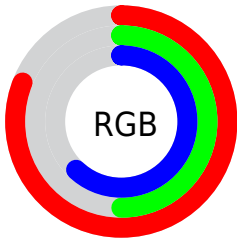
Format	Color
R_{YB}	207, 127, 159
Decimal	13598623
CIE _{Lab}	62.46, 35.21, -3.90
CIE _{LCh}	62, 35.423, 353.680
Yxy	30.9473, 0.3692, 0.2886
Android (android.graphics.Color)	4291788703 (0xFFCF7F9F)
YUV	154.5680, 2.1850, 45.9829
Hunter-Lab	55.6303, 29.6795, -0.1678

Details

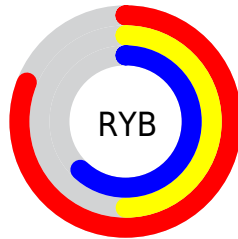
The Yxy color **30.9473, 0.3692, 0.2886** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **52.2541, 0.2779, 0.3741**, and the grayscale version is **32.5560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1628, 0.3488, 0.2952**, and **12.8309, 0.3874, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **25.7304, 0.3914, 0.2785**, and if you desaturate by 10%, it is **37.3092, 0.3505, 0.2994**.

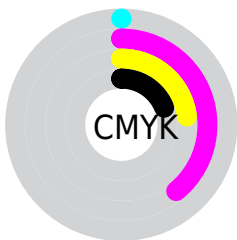
Distribution



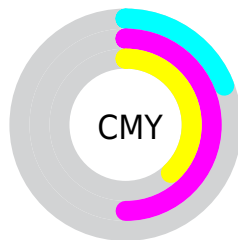
- Red (81%)
- Green (50%)
- Blue (62%)



- Red (81%)
- Yellow (50%)
- Blue (62%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (19%)



- Cyan (19%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9473, 0.3692, 0.2886 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 30.9473, 0.3692, 0.2886 by changing the saturation by 10% instead.


 30.9473, 0.3692,
0.2886


 30.9473, 0.3692,
0.2886


306.2955, 0.3393,
0.3097

 20.5587, 0.3772,
0.2830


 61.1571, 0.3579,
0.2965

 12.8018, 0.3879,
0.2757


 81.7471, 0.3538,
0.2994

 7.2922, 0.4028,
0.2656


 106.5064, 0.3504,
0.3018

 3.6455, 0.4249,
0.2509

135.8193, 0.3475,
0.3039

 1.4773, 0.4609,
0.2275

170.0703, 0.3450,
0.3056

 0.2727, 0.5773,
0.1369

209.6437, 0.3428,

 0.0000, 1.0000,

0.3072

0.0000


254.9240, 0.3410,
0.3085


 0.0000, 0.0000,
0.0000

 30.9473, 0.3692,
0.2886


 30.9473, 0.3692,
0.2886

 25.7304, 0.3914,
0.2785


 37.3092, 0.3505,
0.2994


 21.5851, 0.4171,
0.2699

 44.8750, 0.3349,
0.3101


 18.4362, 0.4458,
0.2641


 53.7047, 0.3220,
0.3205

 16.1968, 0.4765,
0.2622


 63.8530, 0.3114,
0.3303

 14.7647, 0.5072,
0.2654

 75.3714, 0.3028,
0.3393

 13.9798, 0.5359,
0.2735

 88.3087, 0.2957,
0.3477

 13.8944, 0.5396,
0.2746

 91.4432, 0.2891,
0.3384

 92.0122, 0.2844,
0.3289

Harmonies

Analogous

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



30.9473, 0.3116, 0.2571



30.9473, 0.3692, 0.2886



30.9473, 0.4127, 0.3299

Triad

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



30.9473, 0.3692, 0.2886



30.9473, 0.3611, 0.4322



30.9473, 0.2110, 0.2690

Complementary

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



30.9473, 0.3692, 0.2886



52.2541, 0.2779, 0.3741

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.



30.9473, 0.2214, 0.3152



30.9473, 0.3692, 0.2886



30.9473, 0.3057, 0.4191

Square

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



30.9473, 0.3692, 0.2886



30.9473, 0.4057, 0.4125



30.9473, 0.2549, 0.3730



30.9473, 0.2240, 0.2441

Rectangle

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



30.9473, 0.3692, 0.2886



30.9473, 0.4254, 0.3595



30.9473, 0.2549, 0.3730



30.9473, 0.2118, 0.2822

Sweetspot

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



30.9488, 0.3692, 0.2886



80.8802, 0.3262, 0.3169



28.6426, 0.2841, 0.2245



16.9065, 0.3278, 0.3156



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.



30.9488, 0.3692, 0.2886



42.8385, 0.3864, 0.2805



31.7573, 0.4048, 0.3378



11.8855, 0.3229, 0.3197



8.7672, 0.5361, 0.2727



0.5057, 0.4876, 0.2460

Inverse Universe

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



30.9488, 0.3692, 0.2886



42.8385, 0.3864, 0.2805



50.4998, 0.2581, 0.3198



11.8855, 0.3229, 0.3197



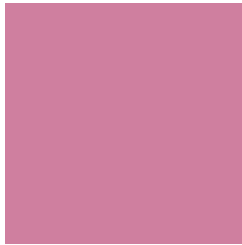
8.7672, 0.5361, 0.2727



0.5057, 0.4876, 0.2460

Previews

White Background



This preview shows how the Yxy color 30.9473, 0.3692, 0.2886 looks on a white background.

Color Contrast Check

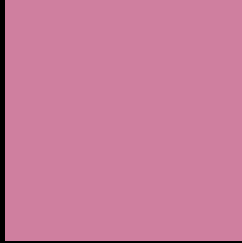
Large Text (above 18pt) WCAG AA × Fail

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 30.9473, 0.3692, 0.2886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

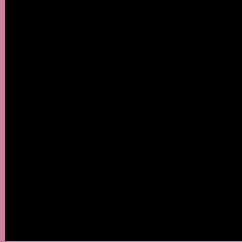
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9473, 0.3692, 0.2886

Background



This preview shows how black text looks on a background with the Yxy color 30.9473, 0.3692, 0.2886.



This preview shows how white text looks on a background with the Yxy color 30.9473, 0.3692, 0.2886.

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

30.9473, 0.3692, 0.2886

Protanopia

31.1646, 0.2892, 0.2930

Deuteranopia

31.1603, 0.3216, 0.3157



Tritanopia

30.8378, 0.3887, 0.3163

Trichromacy



Original Color

30.9473, 0.3692, 0.2886

Protanomaly

30.6456, 0.3145, 0.2904

Deuteranomaly

30.8938, 0.3387, 0.3052

Tritanomaly

30.9289, 0.3817, 0.3061

Monochromacy



Original Color

30.9473, 0.3692, 0.2886

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.6498, 0.3324, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9473, 0.3692, 0.2886 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(207, 127, 159)` looks like.

```
.text, #text, p{  
    color:rgb(207, 127, 159)  
}
```

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(207, 127, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 127, 159) }
```

Border

The CSS property to change the border of an element to Yxy 30.9473, 0.3692, 0.2886 is called "border". The border property can be set on classes, ids or directly on the HTML element.

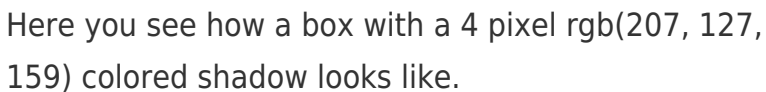
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 127, 159) }
```

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

```
.border{ border-color:rgb(207, 127, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 127, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 127, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 127, 159);  
box-shadow:4px 4px 4px 4px rgb(207, 127,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9473, 0.3692, 0.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 127, 159) }
```

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

```
.background{ background-color: rgb(207,  
127, 159) }
```

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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