

Converting Colors

$Y_{xy}(29.9852, 0.3762, 0.2953)$

Have a look what the booklet for
Yxy(29.9852, 0.3762, 0.2953)
contains.

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Color

Yxy(29.9134, 0.3759, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	CD7D98
RGB	205, 125, 152
RGB Percent	80%, 49%, 60%
CMY	0.1960, 0.5098, 0.4038
CMYK	0.00, 0.39, 0.26, 0.20
HSL	340°, 44%, 65%
HSV	340°, 39%, 80%
XYZ	38.1815, 29.9134, 33.4786
YIQ	151.9980, 39.0130, 25.3570

Conversions

Conversions Part 2

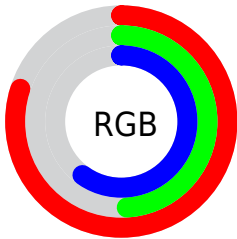
Format	Color
R _Y B	205, 125, 152
Decimal	13467032
CIE Lab	61.58, 34.53, -1.23
CIE LCh	62, 34.556, 357.957
Yxy	29.9134, 0.3759, 0.2945
Android (android.graphics.Color)	4291657112 (0xFFCD7D98)
YUV	151.9980, 0.0010, 46.4828
Hunter-Lab	54.6931, 28.8985, 1.9928

Details

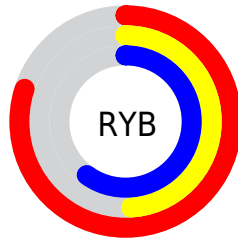
The Yxy color **29.9134, 0.3759, 0.2945** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **51.2402, 0.2746, 0.3672**, and the grayscale version is **31.3871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9564, 0.3560, 0.3012**, and **12.2267, 0.3981, 0.2831** is the 20% darker color. If you saturate the color by 10%, you get **24.8294, 0.4009, 0.2860**, and if you desaturate by 10%, it is **36.1224, 0.3549, 0.3036**.

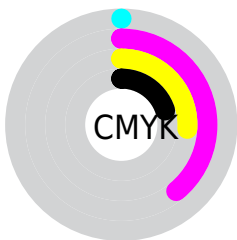
Distribution



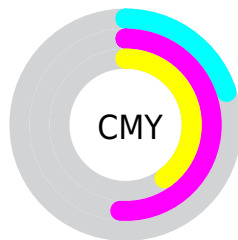
- Red (80%)
- Green (49%)
- Blue (60%)



- Red (80%)
- Yellow (49%)
- Blue (60%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (20%)





- Cyan (20%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.9134, 0.3759, 0.2945 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 29.9134, 0.3759, 0.2945 by changing the saturation by 10% instead.

 29.9134, 0.3759,
0.2945


 29.9134, 0.3759,
0.2945

301.5006, 0.3421,
0.3129


 19.7729, 0.3851,
0.2895

 59.5252, 0.3631,
0.3015

 12.2300, 0.3975,
0.2829


 79.7653, 0.3584,
0.3040

 6.9006, 0.4148,
0.2736


 104.1406, 0.3545,
0.3061

 3.4000, 0.4409,
0.2598

133.0356, 0.3513,
0.3079

 1.3439, 0.4842,
0.2371

166.8348, 0.3485,
0.3094

 0.1749, 0.6934,
0.1188

205.9224, 0.3461,

 0.0000, 0.0000,

0.3107

0.0000

250.6828, 0.3440,
0.3119

■ 29.9134, 0.3759,
0.2945

■ 29.9134, 0.3759,
0.2945

■ 24.8294, 0.4009,
0.2860

■ 36.1224, 0.3549,
0.3036

■ 20.7979, 0.4300,
0.2791

■ 43.5144, 0.3375,
0.3127

■ 17.7448, 0.4624,
0.2747

■ 52.1485, 0.3233,
0.3215

■ 15.5844, 0.4969,
0.2742


■ 62.0786, 0.3117,
0.3298


■ 14.2157, 0.5307,
0.2786

■ 73.3556, 0.3022,
0.3374

 13.4732, 0.5613,
0.2873

 86.0274, 0.2944,
0.3445

 13.4133, 0.5641,
0.2881

 91.2191, 0.2874,
0.3372

 91.7204, 0.2833,
0.3289

Harmonies

Analogous

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



29.9134, 0.3198, 0.2615



29.9134, 0.3759, 0.2945



29.9134, 0.4153, 0.3362

Triad

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



29.9134, 0.3759, 0.2945



29.9134, 0.3531, 0.4311



29.9134, 0.2126, 0.2649

Complementary

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



29.9134, 0.3759, 0.2945



51.2402, 0.2746, 0.3672

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.



29.9134, 0.2196, 0.3079



29.9134, 0.3759, 0.2945



29.9134, 0.2981, 0.4129

Square

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



29.9134, 0.3759, 0.2945



29.9134, 0.3995, 0.4157



29.9134, 0.2497, 0.3644



29.9134, 0.2288, 0.2434

Rectangle

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



29.9134, 0.3759, 0.2945



29.9134, 0.4246, 0.3654



29.9134, 0.2497, 0.3644



29.9134, 0.2123, 0.2770

Sweetspot

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



29.9148, 0.3759, 0.2945



80.7696, 0.3275, 0.3188



28.4224, 0.2890, 0.2252



16.8805, 0.3293, 0.3177



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.



29.9148, 0.3759, 0.2945



41.7501, 0.3971, 0.2872



32.3520, 0.4031, 0.3448



11.2752, 0.3238, 0.3212



8.3655, 0.5604, 0.2861



0.4457, 0.5050, 0.2555

Inverse Universe

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



29.9148, 0.3759, 0.2945



41.7501, 0.3971, 0.2872



46.9111, 0.2566, 0.3122



11.2752, 0.3238, 0.3212



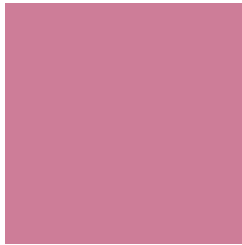
8.3655, 0.5604, 0.2861



0.4457, 0.5050, 0.2555

Previews

White Background



This preview shows how the Yxy color 29.9134, 0.3759, 0.2945 looks on a white background.

Color Contrast Check

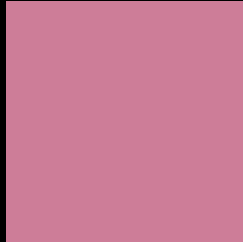
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9134, 0.3759, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

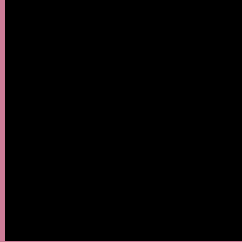
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9134, 0.3759, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 29.9134, 0.3759, 0.2945.



This preview shows how white text looks on a background with the Yxy color 29.9134, 0.3759, 0.2945.

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

29.9134, 0.3759, 0.2945

Protanopia

30.1360, 0.2951, 0.3014

Deuteranopia

30.0090, 0.3290, 0.3216



Tritanopia

30.0819, 0.3920, 0.3175

Trichromacy



Original Color

29.9134, 0.3759, 0.2945

Protanomaly

29.6542, 0.3216, 0.2984

Deuteranomaly

29.6770, 0.3458, 0.3106

Tritanomaly

29.9691, 0.3863, 0.3098

Monochromacy



Original Color

29.9134, 0.3759, 0.2945

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.2709, 0.3338, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9134, 0.3759, 0.2945 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(205, 125, 152)` looks like.

```
.text, #text, p{  
    color:rgb(205, 125, 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(205, 125, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 125, 152) }
```

Border

The CSS property to change the border of an element to Yxy 29.9134, 0.3759, 0.2945 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(205, 125, 152) }
```

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

```
.border{ border-color:rgb(205, 125, 152) }
```

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

Here you see how a box with a 4 pixel rgb(205, 125, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 125, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 125, 152);  
box-shadow:4px 4px 4px 4px rgb(205, 125,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9134, 0.3759, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 125, 152) }
```

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

```
.background{ background-color: rgb(205,  
125, 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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