

Converting Colors

$Y_{xy}(30.7608, 0.3665, 0.2845)$

Have a look what the booklet for
Yxy(30.7608, 0.3665, 0.2845)
contains.

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Color

Yxy(30.7603, 0.3671, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	CF7EA1
RGB	207, 126, 161
RGB Percent	81%, 49%, 63%
CMY	0.1881, 0.5060, 0.3686
CMYK	0.00, 0.39, 0.22, 0.19
HSL	334°, 46%, 65%
HSV	334°, 39%, 81%
XYZ	39.6353, 30.7603, 37.5731
YIQ	154.2090, 37.0410, 28.0570

Conversions

Conversions Part 2

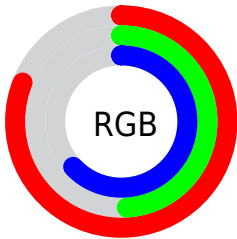
Format	Color
R _Y B	207, 126, 161
Decimal	13598369
CIE Lab	62.30, 36.03, -5.27
CIE LCh	62, 36.416, 351.673
Yxy	30.7603, 0.3671, 0.2849
Android (android.graphics.Color)	4291788449 (0xFFCF7EA1)
YUV	154.2090, 3.3480, 46.2977
Hunter-Lab	55.4620, 30.5048, -1.3431

Details

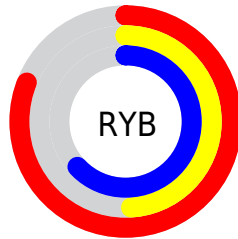
The Yxy color **30.7603, 0.3671, 0.2849** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **52.0583, 0.2791, 0.3786**, and the grayscale version is **32.3847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8604, 0.3473, 0.2922**, and **12.7373, 0.3842, 0.2705** is the 20% darker color. If you saturate the color by 10%, you get **25.6091, 0.3881, 0.2740**, and if you desaturate by 10%, it is **37.0490, 0.3493, 0.2965**.

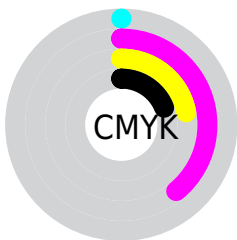
Distribution



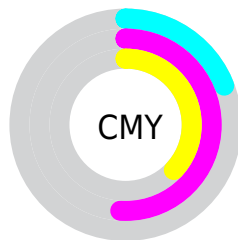
- Red (81%)
- Green (49%)
- Blue (63%)



- Red (81%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (39%)
- Yellow (22%)
- Black (19%)




- Cyan (19%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7603, 0.3671, 0.2849 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 30.7603, 0.3671, 0.2849 by changing the saturation by 10% instead.


 30.7603, 0.3671,
0.2849


 30.7603, 0.3671,
0.2849


305.4325, 0.3384,
0.3078

 20.4164, 0.3748,
0.2789

 60.8625, 0.3563,
0.2934

 12.6981, 0.3850,
0.2710

 81.3896, 0.3523,
0.2966

 7.2210, 0.3992,
0.2602


 106.0798, 0.3490,
0.2992

 3.6007, 0.4202,
0.2445

135.3176, 0.3463,
0.3015

 1.4528, 0.4543,
0.2199

169.4874, 0.3439,
0.3034

 0.2552, 0.5614,
0.1241

208.9736, 0.3418,

 0.0000, 1.0000,

0.3051

0.0000

254.1605, 0.3400,
0.3065

■ 0.0000, 0.0000,
0.0000

■ 30.7603, 0.3671,
0.2849

■ 30.7603, 0.3671,
0.2849

■ 25.6091, 0.3881,
0.2740

■ 37.0490, 0.3493,
0.2965

■ 21.5218, 0.4123,
0.2648

■ 44.5342, 0.3344,
0.3081

■ 18.4231, 0.4393,
0.2584


■ 53.2758, 0.3221,
0.3193

■ 16.2257, 0.4679,
0.2561

■ 63.3285, 0.3119,
0.3299


■ 14.8268, 0.4968,
0.2589

■ 74.7439, 0.3036,
0.3397

 14.0558, 0.5240,
0.2666

 87.5706, 0.2967,
0.3488

 14.0007, 0.5263,
0.2673

 91.2808, 0.2905,
0.3412

 92.0112, 0.2844,
0.3289

Harmonies

Analogous

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



30.7603, 0.3075, 0.2535



30.7603, 0.3671, 0.2849



30.7603, 0.4136, 0.3267

Triad

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



30.7603, 0.3671, 0.2849



30.7603, 0.3659, 0.4349



30.7603, 0.2082, 0.2696

Complementary

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



30.7603, 0.3671, 0.2849



52.0583, 0.2791, 0.3786

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.



30.7603, 0.2205, 0.3185



30.7603, 0.3671, 0.2849



30.7603, 0.3092, 0.4241

Square

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



30.7603, 0.3671, 0.2849



30.7603, 0.4107, 0.4124



30.7603, 0.2562, 0.3783



30.7603, 0.2200, 0.2427

Rectangle

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



30.7603, 0.3671, 0.2849



30.7603, 0.4281, 0.3570



30.7603, 0.2562, 0.3783



30.7603, 0.2096, 0.2837

Sweetspot

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



30.7618, 0.3671, 0.2849



80.9376, 0.3255, 0.3160



28.1848, 0.2823, 0.2228



16.9199, 0.3271, 0.3145



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.



30.7618, 0.3671, 0.2849



42.2155, 0.3846, 0.2757



31.1132, 0.4071, 0.3362



11.8919, 0.3224, 0.3190



8.8354, 0.5229, 0.2654



0.5098, 0.4767, 0.2400

Inverse Universe

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



30.7618, 0.3671, 0.2849



42.2155, 0.3846, 0.2757



51.0119, 0.2578, 0.3215



11.8919, 0.3224, 0.3190



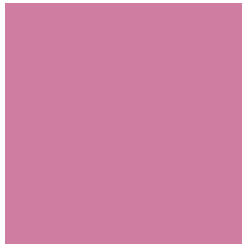
8.8354, 0.5229, 0.2654



0.5098, 0.4767, 0.2400

Previews

White Background



This preview shows how the Yxy color 30.7603, 0.3671, 0.2849 looks on a white background.

Color Contrast Check

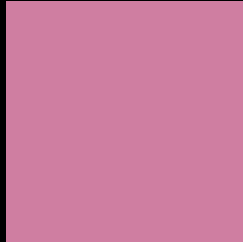
Large Text (above 18pt) WCAG AA × Fail

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 30.7603, 0.3671, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

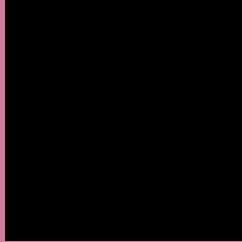
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7603, 0.3671, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 30.7603, 0.3671, 0.2849.



This preview shows how white text looks on a background with the Yxy color 30.7603, 0.3671, 0.2849.

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

30.7603, 0.3671, 0.2849

Protanopia

31.0583, 0.2857, 0.2900

Deuteranopia

30.7786, 0.3197, 0.3127



Tritanopia

30.8378, 0.3887, 0.3163

Trichromacy



Original Color

30.7603, 0.3671, 0.2849

Protanomaly

30.3149, 0.3116, 0.2860

Deuteranomaly

30.5176, 0.3367, 0.3023

Tritanomaly

30.9604, 0.3805, 0.3048

Monochromacy



Original Color

30.7603, 0.3671, 0.2849

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.2651, 0.3305, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7603, 0.3671, 0.2849 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, 126, 161)` looks like.

```
.text, #text, p{  
    color:rgb(207, 126, 161)  
}
```

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, 126, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 126, 161) }
```

Border

The CSS property to change the border of an element to Yxy 30.7603, 0.3671, 0.2849 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, 126, 161) }
```

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

```
.border{ border-color:rgb(207, 126, 161) }
```

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

Here you see how a box with a 4 pixel rgb(207, 126, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 126, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 126, 161);  
box-shadow:4px 4px 4px 4px rgb(207, 126,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7603, 0.3671, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 126, 161) }
```

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

```
.background{ background-color: rgb(207,  
126, 161) }
```

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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