

Converting Colors

$Yxy(30.7165, 0.3769, 0.2821)$

Have a look what the booklet for
Yxy(30.7165, 0.3769, 0.2821)
contains.

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Color

Yxy(30.7533, 0.3771, 0.2826)

Conversions

Conversions Part 1

Format	Color
Hex	D67AA0
RGB	214, 122, 160
RGB Percent	84%, 48%, 63%
CMY	0.1608, 0.5216, 0.3725
CMYK	0.00, 0.43, 0.25, 0.16
HSL	335°, 53%, 66%
HSV	335°, 43%, 84%
XYZ	41.0370, 30.7533, 37.0324
YIQ	153.8400, 42.6340, 31.3220

Conversions

Conversions Part 2

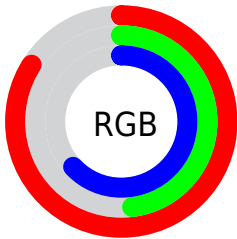
Format	Color
R _Y B	214, 122, 160
Decimal	14056096
CIE Lab	62.30, 40.41, -4.61
CIE LCh	62, 40.672, 353.495
Yxy	30.7533, 0.3771, 0.2826
Android (android.graphics.Color)	4292246176 (0xFFD67AA0)
YUV	153.8400, 3.0369, 52.7603
Hunter-Lab	55.4557, 35.0421, -0.7739

Details

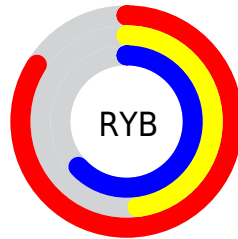
The Yxy color **30.7533, 0.3771, 0.2826** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **55.3671, 0.2754, 0.3820**, and the grayscale version is **32.2145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2170, 0.3487, 0.2891**, and **12.6525, 0.3976, 0.2668** is the 20% darker color. If you saturate the color by 10%, you get **25.6477, 0.4003, 0.2727**, and if you desaturate by 10%, it is **37.0634, 0.3573, 0.2935**.

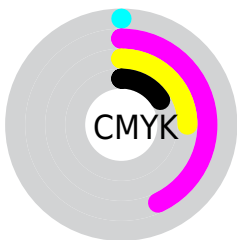
Distribution



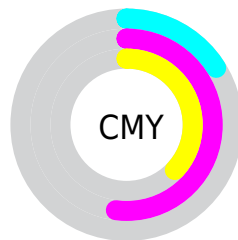
- Red (84%)
- Green (48%)
- Blue (63%)



- Red (84%)
- Yellow (48%)
- Blue (63%)



- Cyan (0%)
- Magenta (43%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (52%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7533, 0.3771, 0.2826 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 30.7533, 0.3771, 0.2826 by changing the saturation by 10% instead.


 30.7533, 0.3771,
0.2826

 30.7533, 0.3771,
0.2826


305.4002, 0.3431,
0.3068


 20.4111, 0.3862,
0.2763


 60.8515, 0.3643,
0.2916

 12.6942, 0.3983,
0.2679


 81.3762, 0.3596,
0.2949

 7.2183, 0.4152,
0.2565


 106.0638, 0.3557,
0.2977

 3.5990, 0.4400,
0.2400

135.2988, 0.3524,
0.3001

 1.4519, 0.4802,
0.2141

169.4656, 0.3496,
0.3021

 0.2545, 0.6019,
0.1187

208.9484, 0.3471,


 0.0000, 1.0000,


0.3038

0.0000


254.1318, 0.3450,
0.3054


 0.0000, 0.0000,
0.0000

 30.7533, 0.3771,
0.2826


 30.7533, 0.3771,
0.2826


 25.6477, 0.4003,
0.2727


 37.0634, 0.3573,
0.2935

 21.6639, 0.4268,
0.2649


 44.6444, 0.3407,
0.3047


 18.7160, 0.4558,
0.2604

 53.5635, 0.3270,
0.3156

 16.7034, 0.4860,
0.2604

 63.8814, 0.3157,
0.3260

 15.5051, 0.5154,
0.2658

 75.6555, 0.3064,
0.3357

 15.0077, 0.5348,
0.2720

 88.9396, 0.2988,
0.3447

 92.5895, 0.2920,
0.3362

 93.0366, 0.2883,
0.3289

Harmonies

Analogous

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



30.7533, 0.3105, 0.2475



30.7533, 0.3771, 0.2826



30.7533, 0.4277, 0.3286

Triad

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



30.7533, 0.3771, 0.2826



30.7533, 0.3673, 0.4479



30.7533, 0.1976, 0.2599

Complementary

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



30.7533, 0.3771, 0.2826



55.3671, 0.2754, 0.3820

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.



30.7533, 0.2091, 0.3126



30.7533, 0.3771, 0.2826



30.7533, 0.3041, 0.4344

Square

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



30.7533, 0.3771, 0.2826



30.7533, 0.4187, 0.4229



30.7533, 0.2466, 0.3803



30.7533, 0.2121, 0.2325

Rectangle

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



30.7533, 0.3771, 0.2826



30.7533, 0.4421, 0.3617



30.7533, 0.2466, 0.3803



30.7533, 0.1985, 0.2748

Sweetspot

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



30.7548, 0.3771, 0.2826



79.4525, 0.3272, 0.3155



27.9669, 0.2798, 0.2119



16.3367, 0.3300, 0.3131



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.



30.7548, 0.3771, 0.2826



38.4586, 0.3991, 0.2731



31.5795, 0.4204, 0.3388



12.5050, 0.3227, 0.3194



9.0905, 0.5311, 0.2699



0.5646, 0.4862, 0.2452

Inverse Universe

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



30.7548, 0.3771, 0.2826



38.4586, 0.3991, 0.2731



53.2977, 0.2530, 0.3186



12.5050, 0.3227, 0.3194



9.0905, 0.5311, 0.2699



0.5646, 0.4862, 0.2452

Previews

White Background



This preview shows how the Yxy color 30.7533, 0.3771, 0.2826 looks on a white background.

Color Contrast Check

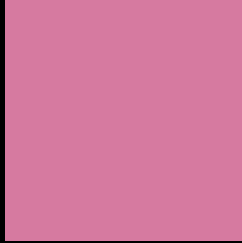
Large Text (above 18pt) WCAG AA × Fail

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 30.7533, 0.3771, 0.2826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

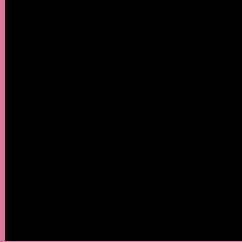
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7533, 0.3771, 0.2826

Background



This preview shows how black text looks on a background with the Yxy color 30.7533, 0.3771, 0.2826.



This preview shows how white text looks on a background with the Yxy color 30.7533, 0.3771, 0.2826.

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

30.7533, 0.3771, 0.2826

Protanopia

31.1380, 0.2840, 0.2871

Deuteranopia

30.7446, 0.3207, 0.3142



Tritanopia

30.6963, 0.4030, 0.3167

Trichromacy



Original Color

30.7533, 0.3771, 0.2826

Protanomaly

30.3544, 0.3148, 0.2850

Deuteranomaly

30.2707, 0.3414, 0.3011

Tritanomaly

30.8577, 0.3934, 0.3044

Monochromacy



Original Color

30.7533, 0.3771, 0.2826

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

30.9764, 0.3351, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7533, 0.3771, 0.2826 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(214, 122, 160)` looks like.

```
.text, #text, p{  
    color:rgb(214, 122, 160)  
}
```

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(214, 122, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 122, 160) }
```

Border

The CSS property to change the border of an element to Yxy 30.7533, 0.3771, 0.2826 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(214, 122, 160) }
```

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

```
.border{ border-color:rgb(214, 122, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 122, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 122, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 122, 160);  
box-shadow:4px 4px 4px 4px rgb(214, 122,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7533, 0.3771, 0.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 122, 160) }
```

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

```
.background{ background-color: rgb(214,  
122, 160) }
```

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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