

Converting Colors

$Y_{xy}(30.8556, 0.3690, 0.2805)$

Have a look what the booklet for
Yxy(30.8556, 0.3690, 0.2805)
contains.

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Color

Yxy(30.9085, 0.3696, 0.2808)

Conversions

Conversions Part 1

Format	Color
Hex	D37CA3
RGB	211, 124, 163
RGB Percent	83%, 49%, 64%
CMY	0.1726, 0.5137, 0.3607
CMYK	0.00, 0.41, 0.23, 0.17
HSL	333°, 50%, 66%
HSV	333°, 41%, 83%
XYZ	40.6830, 30.9085, 38.4815
YIQ	154.4590, 39.3330, 30.5730

Conversions

Conversions Part 2

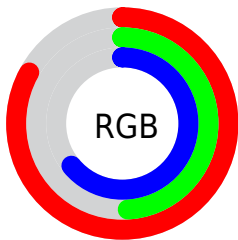
Format	Color
R _{YB}	211, 124, 163
Decimal	13860003
CIE Lab	62.43, 38.75, -6.18
CIE LCh	62, 39.243, 350.941
Yxy	30.9085, 0.3696, 0.2808
Android (android.graphics.Color)	4292050083 (0xFFD37CA3)
YUV	154.4590, 4.2107, 49.5865
Hunter-Lab	55.5954, 33.3287, -2.1220

Details

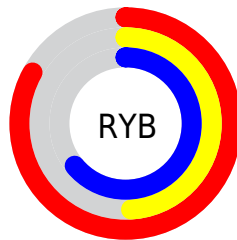
The Yxy color **30.9085, 0.3696, 0.2808** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **53.8498, 0.2784, 0.3839**, and the grayscale version is **32.4965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1627, 0.3459, 0.2881**, and **12.7828, 0.3880, 0.2669** is the 20% darker color. If you saturate the color by 10%, you get **25.7769, 0.3906, 0.2698**, and if you desaturate by 10%, it is **37.2128, 0.3517, 0.2927**.

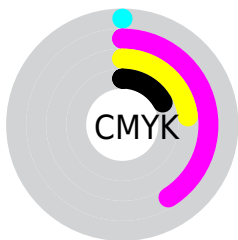
Distribution



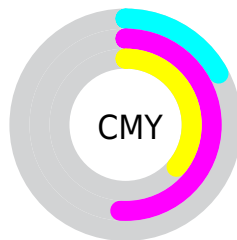
- Red (83%)
- Green (49%)
- Blue (64%)



- Red (83%)
- Yellow (49%)
- Blue (64%)



- Cyan (0%)
- Magenta (41%)
- Yellow (23%)
- Black (17%)




- Cyan (17%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9085, 0.3696, 0.2808 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 30.9085, 0.3696, 0.2808 by changing the saturation by 10% instead.


 30.9085, 0.3696,
0.2808


 30.9085, 0.3696,
0.2808


306.1166, 0.3397,
0.3057

 20.5292, 0.3776,
0.2743


 61.0960, 0.3583,
0.2901

 12.7803, 0.3882,
0.2658


 81.6729, 0.3542,
0.2935

 7.2774, 0.4028,
0.2543


 106.4179, 0.3508,
0.2963

 3.6362, 0.4243,
0.2376

135.7153, 0.3479,
0.2988

 1.4722, 0.4590,
0.2118

169.9494, 0.3454,
0.3009

 0.2691, 0.5581,
0.1196

209.5047, 0.3432,

 0.0000, 1.0000,

0.3027

0.0000

254.7657, 0.3413,
0.3043

0.0000, 0.0000,
0.0000

30.9085, 0.3696,
0.2808

30.9085, 0.3696,
0.2808

25.7769, 0.3906,
0.2698

37.2128, 0.3517,
0.2927

21.7397, 0.4146,
0.2606

44.7528, 0.3366,
0.3048

18.7160, 0.4411,
0.2546

53.5920, 0.3242,
0.3165


16.6116, 0.4690,
0.2530


63.7886, 0.3138,
0.3277

15.3142, 0.4966,
0.2567

75.3970, 0.3054,
0.3381

 14.6679, 0.5198,
0.2637

 88.4687, 0.2984,
0.3477

 91.9289, 0.2921,
0.3398

 92.5883, 0.2866,
0.3289

Harmonies

Analogous

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



30.9085, 0.3053, 0.2479



30.9085, 0.3696, 0.2808



30.9085, 0.4205, 0.3249

Triad

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



30.9085, 0.3696, 0.2808



30.9085, 0.3706, 0.4427



30.9085, 0.2013, 0.2660

Complementary

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



30.9085, 0.3696, 0.2808



53.8498, 0.2784, 0.3839

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.



30.9085, 0.2147, 0.3187



30.9085, 0.3696, 0.2808



30.9085, 0.3099, 0.4329

Square

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



30.9085, 0.3696, 0.2808



30.9085, 0.4183, 0.4169



30.9085, 0.2531, 0.3837



30.9085, 0.2132, 0.2371

Rectangle

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



30.9085, 0.3696, 0.2808



30.9085, 0.4366, 0.3570



30.9085, 0.2531, 0.3837



30.9085, 0.2029, 0.2811

Sweetspot

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



30.9100, 0.3696, 0.2808



80.9669, 0.3252, 0.3155



27.8732, 0.2788, 0.2162



16.9268, 0.3267, 0.3140



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.



30.9100, 0.3696, 0.2808



40.7876, 0.3868, 0.2715



30.8347, 0.4155, 0.3348



11.8951, 0.3221, 0.3186



8.8724, 0.5161, 0.2617



0.5120, 0.4713, 0.2370

Inverse Universe

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



30.9100, 0.3696, 0.2808



40.7876, 0.3868, 0.2715



53.4430, 0.2556, 0.3230



11.8951, 0.3221, 0.3186



8.8724, 0.5161, 0.2617



0.5120, 0.4713, 0.2370

Previews

White Background



This preview shows how the Yxy color 30.9085, 0.3696, 0.2808 looks on a white background.

Color Contrast Check

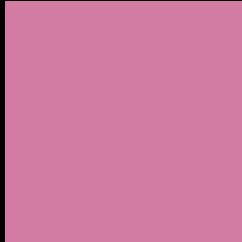
Large Text (above 18pt) WCAG AA × Fail

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 30.9085, 0.3696, 0.2808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

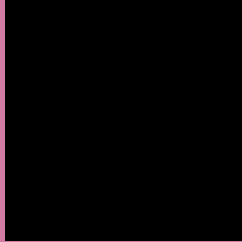
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9085, 0.3696, 0.2808

Background



This preview shows how black text looks on a background with the Yxy color 30.9085, 0.3696, 0.2808.



This preview shows how white text looks on a background with the Yxy color 30.9085, 0.3696, 0.2808.

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

30.9085, 0.3696, 0.2808

Protanopia

31.1277, 0.2814, 0.2842

Deuteranopia

31.1572, 0.3177, 0.3113



Tritanopia

30.9454, 0.3948, 0.3178

Trichromacy



Original Color

30.9085, 0.3696, 0.2808

Protanomaly

30.5408, 0.3097, 0.2822

Deuteranomaly

30.7066, 0.3357, 0.2996

Tritanomaly

30.8406, 0.3858, 0.3039

Monochromacy



Original Color

30.9085, 0.3696, 0.2808

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.1932, 0.3328, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9085, 0.3696, 0.2808 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(211, 124, 163)` looks like.

```
.text, #text, p{  
    color:rgb(211, 124, 163)  
}
```

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(211, 124, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 124, 163) }
```

Border

The CSS property to change the border of an element to Yxy 30.9085, 0.3696, 0.2808 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(211, 124, 163) }
```

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

```
.border{ border-color:rgb(211, 124, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 124, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 124, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 124, 163);  
box-shadow:4px 4px 4px 4px rgb(211, 124,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9085, 0.3696, 0.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 124, 163) }
```

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

```
.background{ background-color: rgb(211,  
124, 163) }
```

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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