

Converting Colors

$Y_{xy}(30.5296, 0.3480, 0.2640)$

Have a look what the booklet for
Yxy(30.5296, 0.3480, 0.2640)
contains.

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Color

Yxy(30.5290, 0.3479, 0.2641)

Conversions

Conversions Part 1

Format	Color
Hex	CD7CB0
RGB	205, 124, 176
RGB Percent	80%, 49%, 69%
CMY	0.1962, 0.5137, 0.3098
CMYK	0.00, 0.39, 0.14, 0.20
HSL	321°, 45%, 65%
HSV	321°, 39%, 80%
XYZ	40.2160, 30.5290, 44.8514
YIQ	154.1470, 31.5840, 33.3440

Conversions

Conversions Part 2

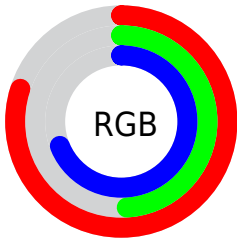
Format	Color
R _Y B	205, 124, 176
Decimal	13466800
CIE Lab	62.11, 38.70, -14.14
CIE LCh	62, 41.198, 339.924
Yxy	30.5290, 0.3479, 0.2641
Android (android.graphics.Color)	4291656880 (0xFFCD7CB0)
YUV	154.1470, 10.7735, 44.5981
Hunter-Lab	55.2531, 33.2285, -9.4512

Details

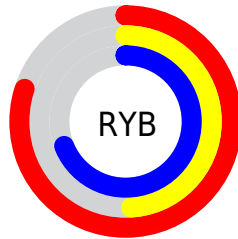
The Yxy color **30.5290, 0.3479, 0.2641** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **50.2359, 0.2893, 0.4049**, and the grayscale version is **32.3256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9270, 0.3342, 0.2746**, and **12.5847, 0.3589, 0.2461** is the 20% darker color. If you saturate the color by 10%, you get **25.6324, 0.3605, 0.2484**, and if you desaturate by 10%, it is **36.5119, 0.3368, 0.2808**.

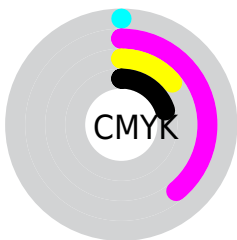
Distribution



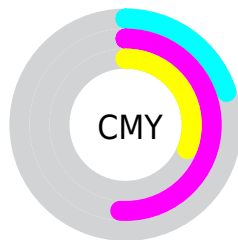
- Red (80%)
- Green (49%)
- Blue (69%)



- Red (80%)
- Yellow (49%)
- Blue (69%)



- Cyan (0%)
- Magenta (39%)
- Yellow (14%)
- Black (20%)




- Cyan (20%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5290, 0.3479, 0.2641 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 30.5290, 0.3479, 0.2641 by changing the saturation by 10% instead.

 30.5290, 0.3479,
0.2641


 30.5290, 0.3479,
0.2641


304.3625, 0.3300,
0.2970


 20.2405, 0.3525,
0.2558


 60.4978, 0.3413,
0.2761

 12.5700, 0.3584,
0.2451


 80.9468, 0.3388,
0.2806

 7.1331, 0.3664,
0.2307


 105.5514, 0.3368,
0.2844

 3.5455, 0.3777,
0.2107

134.6960, 0.3350,
0.2877

 1.4227, 0.3947,
0.1808

168.7651, 0.3335,
0.2905

 0.2334, 0.4458,
0.0860

208.1429, 0.3322,


 0.0000, 0.7532,


0.2929

0.0000


253.2139, 0.3310,
0.2951


 0.0000, 0.0000,
0.0000


 30.5290, 0.3479,
0.2641


 30.5290, 0.3479,
0.2641


 25.6324, 0.3605,
0.2484

 36.5119, 0.3368,
0.2808

 21.7509, 0.3745,
0.2346


 43.6380, 0.3273,
0.2976

 18.8116, 0.3897,
0.2238


 51.9653, 0.3192,
0.3141

 16.7297, 0.4056,
0.2172


 61.5465, 0.3124,
0.3298

 15.4055, 0.4216,
0.2155

 72.4314, 0.3067,
0.3445


 14.6639, 0.4372,
0.2185

 84.6668, 0.3019,
0.3583

 14.6313, 0.4380,
0.2186

 90.0605, 0.2979,
0.3584

 90.4750, 0.2939,
0.3504

 90.9069, 0.2900,
0.3426

Harmonies

Analogous

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



30.5290, 0.2811, 0.2358



30.5290, 0.3479, 0.2641



30.5290, 0.4099, 0.3065

Triad

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



30.5290, 0.3479, 0.2641



30.5290, 0.3940, 0.4419



30.5290, 0.1980, 0.2800

Complementary

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



30.5290, 0.3479, 0.2641



50.2359, 0.2893, 0.4049

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.



30.5290, 0.2217, 0.3428



30.5290, 0.3479, 0.2641



30.5290, 0.3332, 0.4481

Square

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



30.5290, 0.3479, 0.2641



30.5290, 0.4355, 0.4049



30.5290, 0.2701, 0.4099



30.5290, 0.2009, 0.2405

Rectangle

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



30.5290, 0.3479, 0.2641



30.5290, 0.4362, 0.3391



30.5290, 0.2701, 0.4099



30.5290, 0.2029, 0.2988

Sweetspot

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



30.5304, 0.3479, 0.2641



81.3214, 0.3212, 0.3097



25.5362, 0.2652, 0.2168



17.0103, 0.3223, 0.3076



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.



30.5304, 0.3479, 0.2641



43.3893, 0.3580, 0.2512



29.1777, 0.3958, 0.3135



11.3329, 0.3191, 0.3142



9.1299, 0.4358, 0.2175



0.4852, 0.4078, 0.2020

Inverse Universe

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



30.5304, 0.3479, 0.2641



43.3893, 0.3580, 0.2512



51.7792, 0.2654, 0.3457



11.3329, 0.3191, 0.3142



9.1299, 0.4358, 0.2175



0.4852, 0.4078, 0.2020

Previews

White Background



This preview shows how the Yxy color 30.5290, 0.3479, 0.2641 looks on a white background.

Color Contrast Check

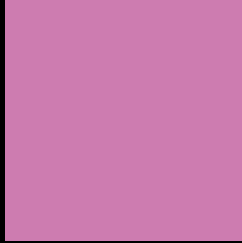
Large Text (above 18pt) WCAG AA × Fail

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 30.5290, 0.3479, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

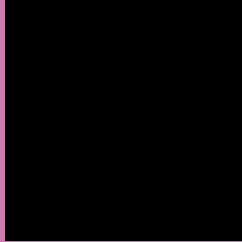
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5290, 0.3479, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 30.5290, 0.3479, 0.2641.



This preview shows how white text looks on a background with the Yxy color 30.5290, 0.3479, 0.2641.

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

30.5290, 0.3479, 0.2641

Protanopia

30.8341, 0.2660, 0.2644

Deuteranopia

30.8146, 0.2975, 0.2920



Tritanopia

30.5732, 0.3826, 0.3161

Trichromacy



Original Color

30.5290, 0.3479, 0.2641

Protanomaly

30.1306, 0.2918, 0.2628

Deuteranomaly

30.3666, 0.3150, 0.2812

Tritanomaly

30.3280, 0.3693, 0.2954

Monochromacy



Original Color

30.5290, 0.3479, 0.2641

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.1378, 0.3256, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5290, 0.3479, 0.2641 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, 124, 176)` looks like.

```
.text, #text, p{  
    color:rgb(205, 124, 176)  
}
```

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, 124, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 124, 176) }
```

Border

The CSS property to change the border of an element to Yxy 30.5290, 0.3479, 0.2641 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, 124, 176) }
```

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

```
.border{ border-color:rgb(205, 124, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 124, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 124, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 124, 176);  
box-shadow:4px 4px 4px 4px rgb(205, 124,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5290, 0.3479, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 124, 176) }
```

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

```
.background{ background-color: rgb(205,  
124, 176) }
```

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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