

Converting Colors

$Y_{xy}(30.2963, 0.3236, 0.2304)$

Have a look what the booklet for
Yxy(30.2963, 0.3236, 0.2304)
contains.

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Color

Yxy(30.4393, 0.3237, 0.2305)

Conversions

Conversions Part 1

Format	Color
Hex	CF76C9
RGB	207, 118, 201
RGB Percent	81%, 46%, 79%
CMY	0.1883, 0.5372, 0.2118
CMYK	0.00, 0.43, 0.03, 0.19
HSL	304°, 48%, 64%
HSV	304°, 43%, 81%
XYZ	42.7471, 30.4393, 58.8713
YIQ	154.0730, 26.4010, 44.6810

Conversions

Conversions Part 2

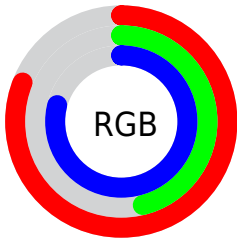
Format	Color
R _Y B	207, 118, 201
Decimal	13596361
CIE Lab	62.03, 46.74, -28.40
CIE LCh	62, 54.691, 328.719
Yxy	30.4393, 0.3237, 0.2305
Android (android.graphics.Color)	4291786441 (0xFFCF76C9)
YUV	154.0730, 23.1350, 46.4170
Hunter-Lab	55.1718, 41.7509, -24.6454

Details

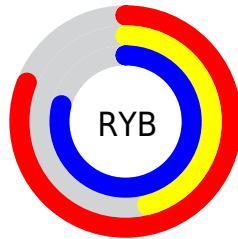
The Yxy color $30.4393, 0.3237, 0.2305$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $49.9240, 0.3030, 0.4526$, and the grayscale version is $32.2381, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.9850, 0.3165, 0.2479$, and $12.5823, 0.3246, 0.2045$ is the 20% darker color. If you saturate the color by 10%, you get $26.0227, 0.3266, 0.2103$, and if you desaturate by 10%, it is $35.9287, 0.3209, 0.2527$.

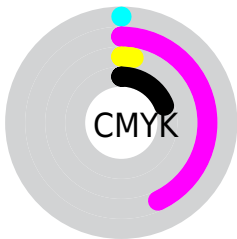
Distribution



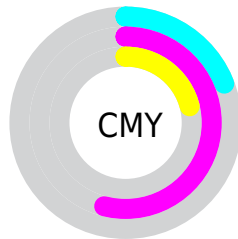
- Red (81%)
- Green (46%)
- Blue (79%)



- Red (81%)
- Yellow (46%)
- Blue (79%)



- Cyan (0%)
- Magenta (43%)
- Yellow (3%)
- Black (19%)




- Cyan (19%)
- Magenta (54%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4393, 0.3237, 0.2305 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 30.4393, 0.3237, 0.2305 by changing the saturation by 10% instead.


 30.4393, 0.3237,
0.2305


 30.4393, 0.3237,
0.2305


303.9468, 0.3196,
0.2787


 20.1723, 0.3243,
0.2189


 60.3562, 0.3225,
0.2477

 12.5203, 0.3248,
0.2044


 80.7749, 0.3220,
0.2543

 7.0991, 0.3249,
0.1856


 105.3462, 0.3215,
0.2598

 3.5241, 0.3242,
0.1607

134.4546, 0.3210,
0.2647

 1.4111, 0.3212,
0.1267

168.4845, 0.3206,
0.2689

 0.2249, 0.3218,
0.0494

207.8202, 0.3202,

 0.0000, 0.2277,

0.2725

0.0000

252.8462, 0.3199,
0.2758

0.0000, 0.0000,
0.0000

30.4393, 0.3237,
0.2305

30.4393, 0.3237,
0.2305

26.0227, 0.3266,
0.2103

35.9287, 0.3209,
0.2527

22.6042, 0.3295,
0.1931

42.5512, 0.3181,
0.2759

20.1059, 0.3323,
0.1796

50.3674, 0.3156,
0.2993

18.4366, 0.3349,
0.1704

59.4322, 0.3134,
0.3223

17.4866, 0.3372,
0.1655

69.7975, 0.3113,
0.3444

■ 17.1141, 0.3387,
0.1640

■ 81.5120, 0.3095,
0.3651

■ 89.4728, 0.3082,
0.3766

■ 89.5429, 0.3074,
0.3751

■ 89.6137, 0.3066,
0.3735

Harmonies

Analogous

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



30.4393, 0.2426, 0.2037



30.4393, 0.3237, 0.2305



30.4393, 0.4134, 0.2768

Triad

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



30.4393, 0.3237, 0.2305



30.4393, 0.4390, 0.4569



30.4393, 0.1732, 0.2891

Complementary

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



30.4393, 0.3237, 0.2305



49.9240, 0.3030, 0.4526

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.



30.4393, 0.2132, 0.3820



30.4393, 0.3237, 0.2305



30.4393, 0.3660, 0.4915

Square

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



30.4393, 0.3237, 0.2305



30.4393, 0.4820, 0.3977



30.4393, 0.2833, 0.4670



30.4393, 0.1661, 0.2276

Rectangle

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



30.4393, 0.3237, 0.2305



30.4393, 0.4598, 0.3148



30.4393, 0.2833, 0.4670



30.4393, 0.1828, 0.3176

Sweetspot

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



30.4407, 0.3237, 0.2305



80.4999, 0.3157, 0.2989



21.7474, 0.2376, 0.1984



16.5964, 0.3162, 0.2937



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.



30.4407, 0.3237, 0.2305



41.9354, 0.3265, 0.2110



28.6440, 0.3746, 0.2805



11.9947, 0.3148, 0.3076



10.7908, 0.3384, 0.1638



0.6076, 0.3349, 0.1619

Inverse Universe

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



30.4407, 0.3237, 0.2305



41.9354, 0.3265, 0.2110



51.3117, 0.2765, 0.3846



11.9947, 0.3148, 0.3076



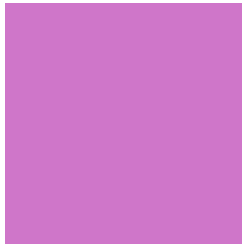
10.7908, 0.3384, 0.1638



0.6076, 0.3349, 0.1619

Previews

White Background



This preview shows how the Yxy color 30.4393, 0.3237, 0.2305 looks on a white background.

Color Contrast Check

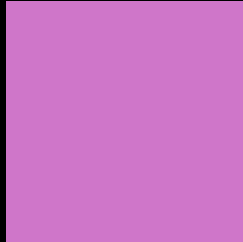
Large Text (above 18pt) WCAG AA × Fail

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 30.4393, 0.3237, 0.2305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

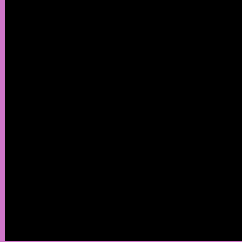
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4393, 0.3237, 0.2305

Background



This preview shows how black text looks on a background with the Yxy color 30.4393, 0.3237, 0.2305.



This preview shows how white text looks on a background with the Yxy color 30.4393, 0.3237, 0.2305.

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

30.4393, 0.3237, 0.2305

Protanopia

30.8467, 0.2345, 0.2236

Deuteranopia

30.8281, 0.2653, 0.2593



Tritanopia

30.4350, 0.3815, 0.3160

Trichromacy



Original Color

30.4393, 0.3237, 0.2305

Protanomaly

29.7192, 0.2601, 0.2230

Deuteranomaly

29.9679, 0.2840, 0.2456

Tritanomaly

30.2626, 0.3603, 0.2817

Monochromacy



Original Color

30.4393, 0.3237, 0.2305

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

30.8743, 0.3168, 0.2867

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4393, 0.3237, 0.2305 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, 118, 201)` looks like.

```
.text, #text, p{  
    color:rgb(207, 118, 201)  
}
```

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, 118, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 118, 201) }
```

Border

The CSS property to change the border of an element to Yxy 30.4393, 0.3237, 0.2305 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, 118, 201) }
```

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

```
.border{ border-color:rgb(207, 118, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 118, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 118, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 118, 201);  
box-shadow:4px 4px 4px 4px rgb(207, 118,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4393, 0.3237, 0.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 118, 201) }
```

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

```
.background{ background-color: rgb(207,  
118, 201) }
```

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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