

Converting Colors

$Y_{xy}(30.0774, 0.3071, 0.2124)$

Have a look what the booklet for
Yxy(30.0774, 0.3071, 0.2124)
contains.

Yxy(30.1469, 0.3079, 0.2130)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.1469, 0.3079, 0.2130)

Conversions

Conversions Part 1

Format	Color
Hex	CD73D7
RGB	205, 115, 215
RGB Percent	80%, 45%, 84%
CMY	0.1960, 0.5491, 0.1569
CMYK	0.05, 0.47, 0.00, 0.16
HSL	294°, 56%, 65%
HSV	294°, 47%, 84%
XYZ	43.5785, 30.1469, 67.8093
YIQ	153.3100, 21.5400, 50.1800

Conversions

Conversions Part 2

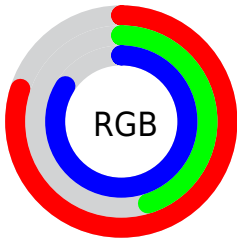
Format	Color
R_{YB}	205, 115, 215
Decimal	13464535
CIE _{Lab}	61.78, 50.29, -36.69
CIE _{LCh}	62, 62.250, 323.886
Yxy	30.1469, 0.3079, 0.2130
Android (android.graphics.Color)	4291654615 (0xFFCD73D7)
YUV	153.3100, 30.4132, 45.3321
Hunter-Lab	54.9062, 45.5880, -34.7890

Details

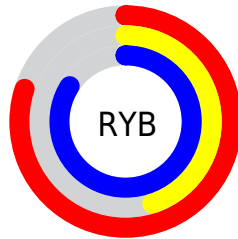
The Yxy color **30.1469, 0.3079, 0.2130** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **54.1933, 0.3122, 0.4720**, and the grayscale version is **31.8554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8559, 0.3167, 0.2450**, and **12.3729, 0.3036, 0.1836** is the 20% darker color. If you saturate the color by 10%, you get **25.5015, 0.3060, 0.1912**, and if you desaturate by 10%, it is **35.9424, 0.3095, 0.2371**.

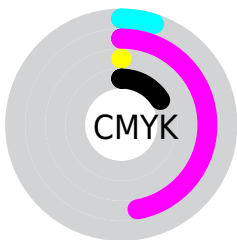
Distribution



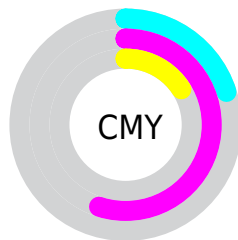
- Red (80%)
- Green (45%)
- Blue (84%)



- Red (80%)
- Yellow (45%)
- Blue (84%)



- Cyan (5%)
- Magenta (47%)
- Yellow (0%)
- Black (16%)




- Cyan (20%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1469, 0.3079, 0.2130 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 30.1469, 0.3079, 0.2130 by changing the saturation by 10% instead.

 30.1469, 0.3079,
0.2130


 30.1469, 0.3079,
0.2130


302.5886, 0.3125,
0.2688


 19.9501, 0.3061,
0.2000


 59.8944, 0.3101,
0.2326

 12.3588, 0.3034,
0.1838


 80.2139, 0.3108,
0.2402

 6.9885, 0.2992,
0.1634


 104.6765, 0.3113,
0.2467

 3.4549, 0.2923,
0.1372

133.6665, 0.3117,
0.2523

 1.3736, 0.2800,
0.1029

167.5683, 0.3120,
0.2572

 0.1971, 0.2631,
0.0334


206.7663, 0.3122,

 0.0000, 0.1749,

0.2615


0.0000

251.6449, 0.3124,
0.2653


 0.0000, 0.0000,
0.0000


 30.1469, 0.3079,
0.2130


 30.1469, 0.3079,
0.2130


 25.5015, 0.3060,
0.1912


 35.9424, 0.3095,
0.2371


 21.9214, 0.3039,
0.1726


 42.9569, 0.3107,
0.2624


 19.3170, 0.3016,
0.1580


 51.2586, 0.3117,
0.2880


 17.5816, 0.2991,
0.1478

 60.9094, 0.3124,
0.3131

 16.5798, 0.2966,
0.1418


 71.9674, 0.3129,
0.3373

 16.3185, 0.2957,
0.1403

 84.4870, 0.3131,
0.3600

 91.6462, 0.3139,
0.3709

 91.9828, 0.3152,
0.3707

 92.3236, 0.3165,
0.3706

Harmonies

Analogous

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



30.1469, 0.2217, 0.1877



30.1469, 0.3079, 0.2130



30.1469, 0.4116, 0.2605

Triad

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



30.1469, 0.3079, 0.2130



30.1469, 0.4628, 0.4591



30.1469, 0.1614, 0.2968

Complementary

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



30.1469, 0.3079, 0.2130



54.1933, 0.3122, 0.4720

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.



30.1469, 0.2103, 0.4081



30.1469, 0.3079, 0.2130



30.1469, 0.3837, 0.5104

Square

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



30.1469, 0.3079, 0.2130



30.1469, 0.5063, 0.3901



30.1469, 0.2917, 0.4997



30.1469, 0.1491, 0.2221

Rectangle

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



30.1469, 0.3079, 0.2130



30.1469, 0.4697, 0.3006



30.1469, 0.2917, 0.4997



30.1469, 0.1735, 0.3313

Sweetspot

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



30.1482, 0.3079, 0.2130



78.6311, 0.3119, 0.2940



23.2146, 0.2274, 0.1980



16.2030, 0.3117, 0.2885



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.



30.1482, 0.3079, 0.2130



37.5125, 0.3060, 0.1911



29.8002, 0.3618, 0.2574



12.5669, 0.3122, 0.3059



9.7872, 0.2961, 0.1405



0.6089, 0.3006, 0.1430

Inverse Universe

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



28.1849, 0.4259, 0.3172



34.4101, 0.4661, 0.3154



54.6094, 0.2836, 0.4154



12.4407, 0.3276, 0.3267



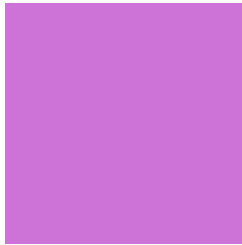
8.6816, 0.6277, 0.3232



0.5307, 0.5956, 0.3055

Previews

White Background



This preview shows how the Yxy color 30.1469, 0.3079, 0.2130 looks on a white background.

Color Contrast Check

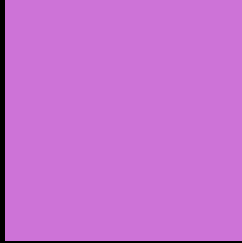
Large Text (above 18pt) WCAG AA × Fail

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 30.1469, 0.3079, 0.2130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

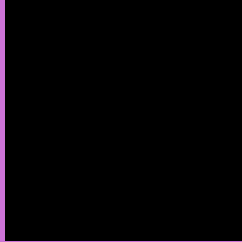
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1469, 0.3079, 0.2130

Background



This preview shows how black text looks on a background with the Yxy color 30.1469, 0.3079, 0.2130.

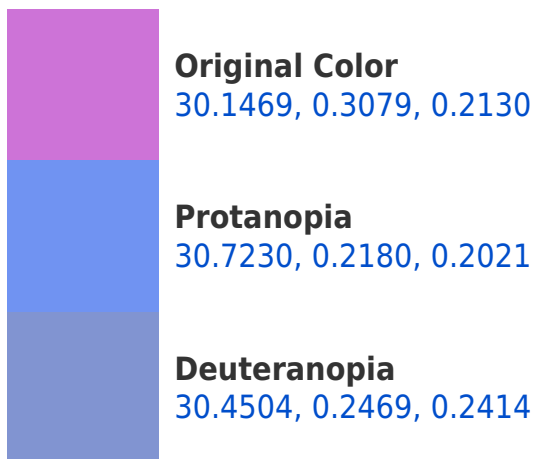


This preview shows how white text looks on a background with the Yxy color 30.1469, 0.3079, 0.2130.

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





Tritanopia

30.0576, 0.3743, 0.3157

Trichromacy



Original Color

30.1469, 0.3079, 0.2130



Protanomaly

29.2651, 0.2428, 0.2025



Deuteranomaly

29.4796, 0.2663, 0.2277



Tritanomaly

29.9284, 0.3489, 0.2736

Monochromacy



Original Color

30.1469, 0.3079, 0.2130



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

30.3705, 0.3110, 0.2771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1469, 0.3079, 0.2130 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, 115, 215)` looks like.

```
.text, #text, p{  
    color:rgb(205, 115, 215)  
}
```

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, 115, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 115, 215) }
```

Border

The CSS property to change the border of an element to Yxy 30.1469, 0.3079, 0.2130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

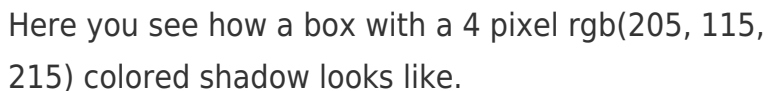
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 115, 215) }
```

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

```
.border{ border-color:rgb(205, 115, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 115, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 115, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 115, 215); box-shadow:4px 4px 4px 4px rgb(205, 115, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1469, 0.3079, 0.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 115, 215) }
```

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

```
.background{ background-color: rgb(205,  
115, 215) }
```

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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