

Converting Colors

$Y_{xy}(30.5876, 0.3163, 0.2491)$

Have a look what the booklet for
Yxy(30.5876, 0.3163, 0.2491)
contains.

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Color

Yxy(30.5385, 0.3164, 0.2495)

Conversions

Conversions Part 1

Format	Color
Hex	BF81BF
RGB	191, 129, 191
RGB Percent	75%, 51%, 75%
CMY	0.2512, 0.4940, 0.2510
CMYK	0.00, 0.32, 0.00, 0.25
HSL	300°, 33%, 63%
HSV	300°, 32%, 75%
XYZ	38.7270, 30.5385, 53.1333
YIQ	154.6060, 17.0500, 32.4260

Conversions

Conversions Part 2

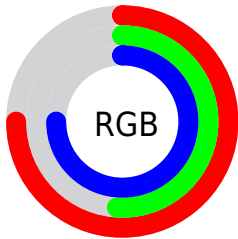
Format	Color
RYB	191, 129, 191
Decimal	12550591
CIELab	62.12, 33.97, -22.78
CIELCh	62, 40.898, 326.159
Yxy	30.5385, 0.3164, 0.2495
Android (android.graphics.Color)	4290740671 (0xFFBF81BF)
YUV	154.6060, 17.9422, 31.9175
Hunter-Lab	55.2617, 28.3837, -18.3234

Details

The Yxy color **30.5385, 0.3164, 0.2495** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.5137, 0.3083, 0.4238**, and the grayscale version is **32.5096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6007, 0.3158, 0.2636**, and **12.4892, 0.3160, 0.2269** is the 20% darker color. If you saturate the color by 10%, you get **25.9664, 0.3175, 0.2262**, and if you desaturate by 10%, it is **36.0536, 0.3153, 0.2740**.

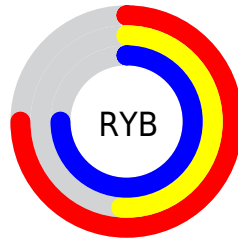
Distribution



Red (75%)

Green (51%)

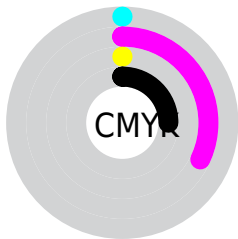
Blue (75%)



Red (75%)

Yellow (51%)

Blue (75%)

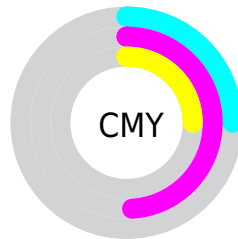


Cyan (0%)

Magenta (32%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.5385, 0.3164, 0.2495 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 30.5385, 0.3164, 0.2495 by changing the saturation by 10% instead.


 30.5385, 0.3164,
0.2495


 30.5385, 0.3164,
0.2495


304.4065, 0.3155,
0.2893


 20.2477, 0.3163,
0.2396


 60.5127, 0.3163,
0.2639

 12.5752, 0.3160,
0.2270


 80.9650, 0.3162,
0.2694

 7.1367, 0.3152,
0.2104

 105.5731, 0.3161,
0.2740

 3.5477, 0.3134,
0.1877

134.7216, 0.3159,
0.2779

 1.4239, 0.3091,
0.1550

168.7948, 0.3158,
0.2813

 0.2343, 0.3102,
0.0679

208.1770, 0.3157,

 0.0000, 0.0000,

0.2843

0.0000

253.2528, 0.3156,
0.2869

■ 30.5385, 0.3164,
0.2495

■ 30.5385, 0.3164,
0.2495

■ 25.9664, 0.3175,
0.2262

■ 36.0536, 0.3153,
0.2740

■ 22.2809, 0.3184,
0.2051

■ 42.5563, 0.3141,
0.2988

■ 19.4257, 0.3193,
0.1870

■ 50.0928, 0.3130,
0.3232


■ 17.3363, 0.3199,
0.1727


■ 58.7055, 0.3119,
0.3466


■ 15.9389, 0.3204,
0.1626

■ 68.4344, 0.3109,
0.3688


 15.1452, 0.3206,
0.1566

 79.3173, 0.3099,
0.3894

 14.8176, 0.3207,
0.1541

 86.3615, 0.3094,
0.4008

 86.3633, 0.3094,
0.4008

 86.3650, 0.3094,
0.4008

Harmonies

Analogous

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



30.5385, 0.2552, 0.2296



30.5385, 0.3164, 0.2495



30.5385, 0.3832, 0.2860

Triad

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



30.5385, 0.3164, 0.2495



30.5385, 0.4157, 0.4269



30.5385, 0.2062, 0.3068

Complementary

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



30.5385, 0.3164, 0.2495



43.5137, 0.3083, 0.4238

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.



30.5385, 0.2417, 0.3747



30.5385, 0.3164, 0.2495



30.5385, 0.3622, 0.4494

Square

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



30.5385, 0.3164, 0.2495



30.5385, 0.4428, 0.3829



30.5385, 0.2984, 0.4319



30.5385, 0.1971, 0.2559

Rectangle

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



30.5385, 0.3164, 0.2495



30.5385, 0.4190, 0.3166



30.5385, 0.2984, 0.4319



30.5385, 0.2152, 0.3285

Sweetspot

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



30.5398, 0.3164, 0.2495



79.1416, 0.3139, 0.3044



24.4149, 0.2557, 0.2360



16.9772, 0.3140, 0.3009



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.5398, 0.3164, 0.2495



48.6583, 0.3172, 0.2326



29.3594, 0.3485, 0.2860



9.6960, 0.3138, 0.3064



9.7400, 0.3207, 0.1541



0.3816, 0.3208, 0.1541

Inverse Universe

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



28.3718, 0.3864, 0.3292



44.1664, 0.4108, 0.3292



44.4267, 0.2878, 0.3767



9.5365, 0.3288, 0.3290



7.2795, 0.6400, 0.3299



0.2852, 0.6396, 0.3297

Previews

White Background



This preview shows how the Yxy color 30.5385, 0.3164, 0.2495 looks on a white background.

Color Contrast Check

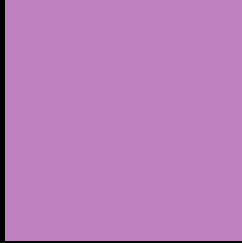
Large Text (above 18pt) WCAG AA × Fail

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 30.5385, 0.3164, 0.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

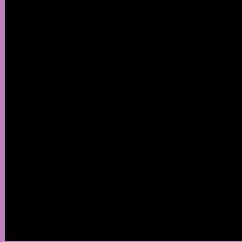
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5385, 0.3164, 0.2495

Background



This preview shows how black text looks on a background with the Yxy color 30.5385, 0.3164, 0.2495.



This preview shows how white text looks on a background with the Yxy color 30.5385, 0.3164, 0.2495.

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

30.5385, 0.3164, 0.2495

Protanopia

30.6559, 0.2533, 0.2470

Deuteranopia

30.6093, 0.2756, 0.2690



Tritanopia

30.6294, 0.3544, 0.3152

Trichromacy



Original Color

30.5385, 0.3164, 0.2495

Protanomaly

30.1884, 0.2735, 0.2467

Deuteranomaly

30.1117, 0.2891, 0.2601

Tritanomaly

30.5731, 0.3397, 0.2896

Monochromacy



Original Color

30.5385, 0.3164, 0.2495

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.7098, 0.3142, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5385, 0.3164, 0.2495 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(191, 129, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 129, 191)  
}
```

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(191, 129, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 129, 191) }
```

Border

The CSS property to change the border of an element to Yxy 30.5385, 0.3164, 0.2495 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(191, 129, 191) }
```

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

```
.border{ border-color:rgb(191, 129, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 129, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 129, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 129, 191);  
box-shadow:4px 4px 4px 4px rgb(191, 129,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5385, 0.3164, 0.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 129, 191) }
```

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

```
.background{ background-color: rgb(191,  
129, 191) }
```

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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