

Converting Colors

$Yxy(30.6923, 0.3208, 0.2525)$

Have a look what the booklet for
Yxy(30.6923, 0.3208, 0.2525)
contains.

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Color

Yxy(30.7121, 0.3205, 0.2522)

Conversions

Conversions Part 1

Format	Color
Hex	C181BD
RGB	193, 129, 189
RGB Percent	76%, 51%, 74%
CMY	0.2432, 0.4941, 0.2587
CMYK	0.00, 0.33, 0.02, 0.24
HSL	304°, 34%, 63%
HSV	304°, 33%, 76%
XYZ	39.0295, 30.7121, 52.0352
YIQ	154.9760, 18.8840, 32.2280

Conversions

Conversions Part 2

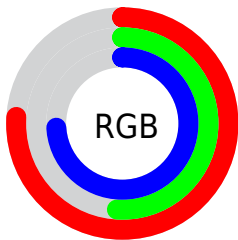
Format	Color
RYB	193, 129, 189
Decimal	12681661
CIELab	62.26, 34.29, -21.43
CIElCh	62, 40.439, 328.002
Yxy	30.7121, 0.3205, 0.2522
Android (android.graphics.Color)	4290871741 (0xFFC181BD)
YUV	154.9760, 16.7738, 33.3470
Hunter-Lab	55.4185, 28.7294, -16.8774

Details

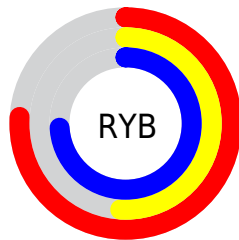
The Yxy color **30.7121, 0.3205, 0.2522** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.4966, 0.3055, 0.4201**, and the grayscale version is **32.6864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7835, 0.3196, 0.2667**, and **12.6296, 0.3204, 0.2293** is the 20% darker color. If you saturate the color by 10%, you get **26.0486, 0.3232, 0.2300**, and if you desaturate by 10%, it is **36.3390, 0.3179, 0.2754**.

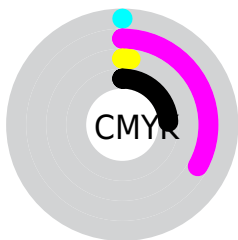
Distribution



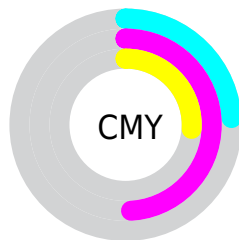
- Red (76%)
- Green (51%)
- Blue (74%)



- Red (76%)
- Yellow (51%)
- Blue (74%)



- Cyan (0%)
- Magenta (33%)
- Yellow (2%)
- Black (24%)





- Cyan (24%)
- Magenta (49%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7121, 0.3205, 0.2522 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 30.7121, 0.3205, 0.2522 by changing the saturation by 10% instead.

 30.7121, 0.3205,
0.2522


 30.7121, 0.3205,
0.2522


305.2098, 0.3174,
0.2907


 20.3797, 0.3210,
0.2426


 60.7865, 0.3196,
0.2662

 12.6714, 0.3215,
0.2304


 81.2973, 0.3191,
0.2714

 7.2026, 0.3219,
0.2142


 105.9698, 0.3188,
0.2759

 3.5892, 0.3217,
0.1921

135.1882, 0.3184,
0.2797

 1.4465, 0.3201,
0.1600

169.3370, 0.3181,
0.2830

 0.2506, 0.3262,
0.0745

208.8006, 0.3178,


 0.0000, 0.0394,


0.2859


0.0000


253.9634, 0.3176,
0.2884


 0.0000, 0.0000,
0.0000


 30.7121, 0.3205,
0.2522


 30.7121, 0.3205,
0.2522


 26.0486, 0.3232,
0.2300


 36.3390, 0.3179,
0.2754


 22.2901, 0.3259,
0.2099


 42.9751, 0.3155,
0.2989


 19.3784, 0.3286,
0.1927


 50.6682, 0.3134,
0.3219


 17.2469, 0.3312,
0.1791

 59.4620, 0.3114,
0.3440

 15.8188, 0.3336,
0.1698

 69.3976, 0.3096,
0.3648


 15.0020, 0.3358,
0.1648

 80.5140, 0.3081,
0.3842

 14.6752, 0.3371,
0.1631

 86.9057, 0.3071,
0.3932

 86.9608, 0.3064,
0.3918

 87.0163, 0.3058,
0.3904

Harmonies

Analogous

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



30.7121, 0.2592, 0.2314



30.7121, 0.3205, 0.2522



30.7121, 0.3860, 0.2892

Triad

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



30.7121, 0.3205, 0.2522



30.7121, 0.4119, 0.4280



30.7121, 0.2062, 0.3034

Complementary

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



30.7121, 0.3205, 0.2522



44.4966, 0.3055, 0.4201

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.



30.7121, 0.2398, 0.3699



30.7121, 0.3205, 0.2522



30.7121, 0.3579, 0.4481

Square

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



30.7121, 0.3205, 0.2522



30.7121, 0.4406, 0.3853



30.7121, 0.2948, 0.4279



30.7121, 0.1987, 0.2546

Rectangle

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



30.7121, 0.3205, 0.2522



30.7121, 0.4202, 0.3197



30.7121, 0.2948, 0.4279



30.7121, 0.2145, 0.3245

Sweetspot

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



30.7135, 0.3205, 0.2522



80.9066, 0.3149, 0.3059



24.4730, 0.2568, 0.2325



16.9544, 0.3152, 0.3026



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.



30.7135, 0.3205, 0.2522



48.6136, 0.3225, 0.2355



29.4995, 0.3545, 0.2905



10.2364, 0.3147, 0.3077



9.7659, 0.3369, 0.1629



0.4253, 0.3330, 0.1608

Inverse Universe

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



30.7135, 0.3205, 0.2522



48.6136, 0.3225, 0.2355



45.4917, 0.2844, 0.3714



10.2364, 0.3147, 0.3077



9.7659, 0.3369, 0.1629



0.4253, 0.3330, 0.1608

Previews

White Background



This preview shows how the Yxy color 30.7121, 0.3205, 0.2522 looks on a white background.

Color Contrast Check

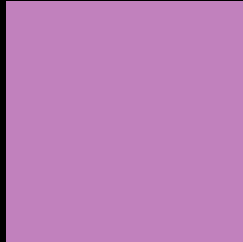
Large Text (above 18pt) WCAG AA × Fail

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 30.7121, 0.3205, 0.2522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

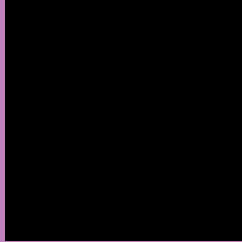
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7121, 0.3205, 0.2522

Background



This preview shows how black text looks on a background with the Yxy color 30.7121, 0.3205, 0.2522.



This preview shows how white text looks on a background with the Yxy color 30.7121, 0.3205, 0.2522.

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

30.7121, 0.3205, 0.2522

Protanopia

31.0054, 0.2550, 0.2499

Deuteranopia

31.0209, 0.2791, 0.2734



Tritanopia

30.7208, 0.3580, 0.3140

Trichromacy



Original Color

30.7121, 0.3205, 0.2522

Protanomaly

30.5374, 0.2753, 0.2495

Deuteranomaly

30.5301, 0.2928, 0.2644

Tritanomaly

30.6417, 0.3442, 0.2900

Monochromacy



Original Color

30.7121, 0.3205, 0.2522

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.7828, 0.3162, 0.2989

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7121, 0.3205, 0.2522 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(193, 129, 189)` looks like.

```
.text, #text, p{  
    color:rgb(193, 129, 189)  
}
```

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(193, 129, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 129, 189) }
```

Border

The CSS property to change the border of an element to Yxy 30.7121, 0.3205, 0.2522 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(193, 129, 189) }
```

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

```
.border{ border-color:rgb(193, 129, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 129, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 129, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 129, 189);  
box-shadow:4px 4px 4px 4px rgb(193, 129,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7121, 0.3205, 0.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 129, 189) }
```

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

```
.background{ background-color: rgb(193,  
129, 189) }
```

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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