

Converting Colors

$Y_{xy}(30.6385, 0.3287, 0.2628)$

Have a look what the booklet for
Yxy(30.6385, 0.3287, 0.2628)
contains.

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Color

Yxy(30.6389, 0.3287, 0.2628)

Conversions

Conversions Part 1

Format	Color
Hex	C182B5
RGB	193, 130, 181
RGB Percent	76%, 51%, 71%
CMY	0.2430, 0.4902, 0.2901
CMYK	0.00, 0.33, 0.06, 0.24
HSL	311°, 34%, 63%
HSV	311°, 33%, 76%
XYZ	38.3219, 30.6389, 47.6255
YIQ	154.6510, 21.1770, 29.2170

Conversions

Conversions Part 2

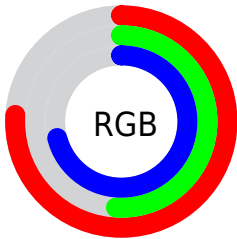
Format	Color
R _Y B	193, 130, 181
Decimal	12681909
CIE Lab	62.20, 32.30, -16.99
CIE LCh	62, 36.498, 332.261
Yxy	30.6389, 0.3287, 0.2628
Android (android.graphics.Color)	4290871989 (0xFFC182B5)
YUV	154.6510, 12.9901, 33.6321
Hunter-Lab	55.3524, 26.7135, -12.2668

Details

The Yxy color **30.6389, 0.3287, 0.2628** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.8476, 0.3001, 0.4059**, and the grayscale version is **32.5520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7194, 0.3257, 0.2752**, and **12.5538, 0.3324, 0.2430** is the 20% darker color. If you saturate the color by 10%, you get **25.8297, 0.3350, 0.2429**, and if you desaturate by 10%, it is **36.4179, 0.3231, 0.2834**.

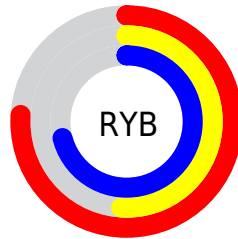
Distribution



Red (76%)

Green (51%)

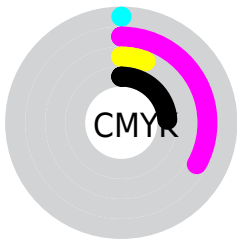
Blue (71%)



Red (76%)

Yellow (51%)

Blue (71%)

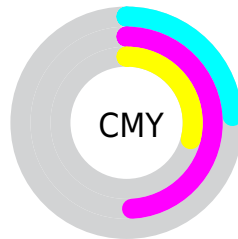


Cyan (0%)

Magenta (33%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (49%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.6389, 0.3287, 0.2628 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 30.6389, 0.3287, 0.2628 by changing the saturation by 10% instead.


 30.6389, 0.3287,
0.2628


 30.6389, 0.3287,
0.2628

304.8713, 0.3210,
0.2963

 20.3240, 0.3305,
0.2543

 60.6711, 0.3260,
0.2751

 12.6308, 0.3328,
0.2434


 81.1572, 0.3249,
0.2796

 7.1748, 0.3356,
0.2289

 105.8026, 0.3240,
0.2835

 3.5717, 0.3393,
0.2086

134.9915, 0.3233,
0.2868

 1.4370, 0.3440,
0.1785

169.1085, 0.3226,
0.2897

 0.2437, 0.3667,
0.0865

208.5378, 0.3220,

 0.0000, 0.0000,

0.2922

0.0000

253.6640, 0.3215,
0.2944

■ 30.6389, 0.3287,
0.2628

■ 30.6389, 0.3287,
0.2628

■ 25.8297, 0.3350,
0.2429

■ 36.4179, 0.3231,
0.2834

■ 21.9323, 0.3418,
0.2246

■ 43.2125, 0.3181,
0.3039

■ 18.8886, 0.3490,
0.2088


■ 51.0704, 0.3138,
0.3239

■ 16.6323, 0.3564,
0.1964

■ 60.0351, 0.3100,
0.3428

■ 15.0873, 0.3638,
0.1884


■ 70.1477, 0.3069,
0.3607


 14.1623, 0.3709,
0.1849

 81.4472, 0.3042,
0.3772

 13.7508, 0.3760,
0.1845

 87.3527, 0.3020,
0.3824

 87.5341, 0.3000,
0.3782

 87.7198, 0.2980,
0.3740

Harmonies

Analogous

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



30.6389, 0.2714, 0.2412



30.6389, 0.3287, 0.2628



30.6389, 0.3864, 0.2987

Triad

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



30.6389, 0.3287, 0.2628



30.6389, 0.3974, 0.4235



30.6389, 0.2130, 0.2990

Complementary

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



30.6389, 0.3287, 0.2628



44.8476, 0.3001, 0.4059

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.



30.6389, 0.2409, 0.3574



30.6389, 0.3287, 0.2628



30.6389, 0.3465, 0.4359

Square

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



30.6389, 0.3287, 0.2628



30.6389, 0.4269, 0.3876



30.6389, 0.2892, 0.4116



30.6389, 0.2093, 0.2572

Rectangle

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



30.6389, 0.3287, 0.2628



30.6389, 0.4146, 0.3276



30.6389, 0.2892, 0.4116



30.6389, 0.2197, 0.3173

Sweetspot

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



30.6403, 0.3287, 0.2628



80.7087, 0.3169, 0.3090



25.5243, 0.2654, 0.2361



16.9061, 0.3176, 0.3061



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.



30.6403, 0.3287, 0.2628



48.6944, 0.3330, 0.2488



29.5033, 0.3634, 0.3022



10.2136, 0.3166, 0.3106



9.1547, 0.3751, 0.1840



0.4042, 0.3610, 0.1762

Inverse Universe

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



30.6403, 0.3287, 0.2628



48.6944, 0.3330, 0.2488



45.9146, 0.2793, 0.3579



10.2136, 0.3166, 0.3106



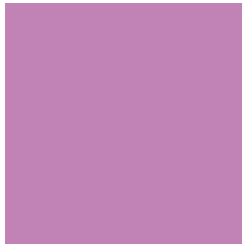
9.1547, 0.3751, 0.1840



0.4042, 0.3610, 0.1762

Previews

White Background



This preview shows how the Yxy color 30.6389, 0.3287, 0.2628 looks on a white background.

Color Contrast Check

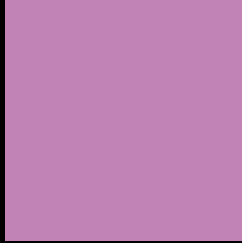
Large Text (above 18pt) WCAG AA × Fail

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 30.6389, 0.3287, 0.2628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

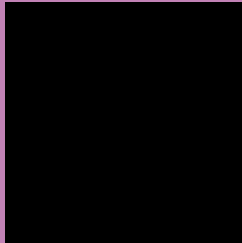
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6389, 0.3287, 0.2628

Background



This preview shows how black text looks on a background with the Yxy color 30.6389, 0.3287, 0.2628.



This preview shows how white text looks on a background with the Yxy color 30.6389, 0.3287, 0.2628.

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

30.6389, 0.3287, 0.2628

Protanopia

30.8789, 0.2653, 0.2631

Deuteranopia

30.7572, 0.2894, 0.2833



Tritanopia

30.5337, 0.3605, 0.3140

Trichromacy



Original Color

30.6389, 0.3287, 0.2628

Protanomaly

30.3911, 0.2863, 0.2624

Deuteranomaly

30.5199, 0.3030, 0.2752

Tritanomaly

30.5005, 0.3486, 0.2952

Monochromacy



Original Color

30.6389, 0.3287, 0.2628

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.6731, 0.3191, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6389, 0.3287, 0.2628 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, 130, 181)` looks like.

```
.text, #text, p{  
    color:rgb(193, 130, 181)  
}
```

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, 130, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 130, 181) }
```

Border

The CSS property to change the border of an element to Yxy 30.6389, 0.3287, 0.2628 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, 130, 181) }
```

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

```
.border{ border-color:rgb(193, 130, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 130, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 130, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 130, 181);  
box-shadow:4px 4px 4px 4px rgb(193, 130,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6389, 0.3287, 0.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 130, 181) }
```

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

```
.background{ background-color: rgb(193,  
130, 181) }
```

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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