

Converting Colors

$Y_{xy}(27.3754, 0.3358, 0.2829)$

Have a look what the booklet for
Yxy(27.3754, 0.3358, 0.2829)
contains.

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Color

Yxy(27.3005, 0.3366, 0.2825)

Conversions

Conversions Part 1

Format	Color
Hex	B37FA0
RGB	179, 127, 160
RGB Percent	70%, 50%, 63%
CMY	0.2979, 0.5020, 0.3726
CMYK	0.00, 0.29, 0.11, 0.30
HSL	322°, 26%, 60%
HSV	322°, 29%, 70%
XYZ	32.5287, 27.3005, 36.8098
YIQ	146.3100, 20.3990, 21.2870

Conversions

Conversions Part 2

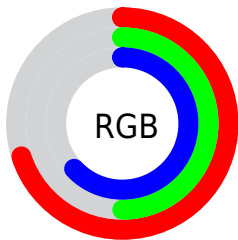
Format	Color
RYB	179, 127, 160
Decimal	11763616
CIELab	59.25, 25.38, -9.58
CIELCh	59, 27.129, 339.318
Yxy	27.3005, 0.3366, 0.2825
Android (android.graphics.Color)	4289953696 (0xFFB37FA0)
YUV	146.3100, 6.7492, 28.6691
Hunter-Lab	52.2499, 19.6896, -5.1946

Details

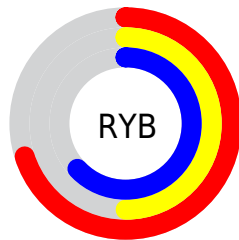
The Yxy color **27.3005, 0.3366, 0.2825** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.8380, 0.2947, 0.3807**, and the grayscale version is **28.8448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2110, 0.3313, 0.2911**, and **10.7719, 0.3429, 0.2662** is the 20% darker color. If you saturate the color by 10%, you get **22.8582, 0.3477, 0.2661**, and if you desaturate by 10%, it is **32.5790, 0.3271, 0.2990**.

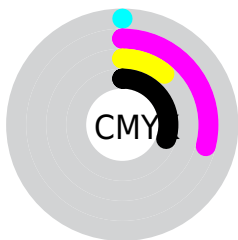
Distribution



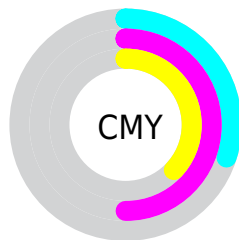
- Red (70%)
- Green (50%)
- Blue (63%)



- Red (70%)
- Yellow (50%)
- Blue (63%)



- Cyan (0%)
- Magenta (29%)
- Yellow (11%)
- Black (30%)





- Cyan (30%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3005, 0.3366, 0.2825 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 27.3005, 0.3366, 0.2825 by changing the saturation by 10% instead.


 27.3005, 0.3366,
0.2825


 27.3005, 0.3366,
0.2825


289.1092, 0.3240,
0.3069


 17.7990, 0.3400,
0.2760


 55.3657, 0.3319,
0.2917

 10.8058, 0.3444,
0.2674


 74.6982, 0.3301,
0.2950

 5.9364, 0.3506,
0.2555


 98.0766, 0.3287,
0.2978

 2.8064, 0.3597,
0.2381

125.8851, 0.3275,
0.3002

 1.0315, 0.3745,
0.2101

158.5082, 0.3264,
0.3022

 0.0000, 0.4827,
0.0000

196.3303, 0.3255,

 0.0000, 0.0000,

0.3040

0.0000

239.7359, 0.3247,
0.3056

■ 27.3005, 0.3366,
0.2825

■ 27.3005, 0.3366,
0.2825

■ 22.8582, 0.3477,
0.2661

■ 32.5790, 0.3271,
0.2990

■ 19.2046, 0.3603,
0.2506

■ 38.7304, 0.3190,
0.3151

■ 16.2933, 0.3745,
0.2369

■ 45.7937, 0.3121,
0.3304

■ 14.0714, 0.3898,
0.2260

■ 53.8046, 0.3064,
0.3448

■ 12.4789, 0.4059,
0.2191

■ 62.7968, 0.3016,
0.3582

■ 11.4456, 0.4222,
0.2170

■ 72.8022, 0.2977,
0.3706

■ 10.8416, 0.4383,
0.2194

■ 83.8513, 0.2944,
0.3819

■ 10.7913, 0.4398,
0.2197

■ 85.8793, 0.2910,
0.3770

■ 86.2173, 0.2876,
0.3694

Harmonies

Analogous

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



27.3005, 0.2907, 0.2620



27.3005, 0.3366, 0.2825



27.3005, 0.3783, 0.3137

Triad

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



27.3005, 0.3366, 0.2825



27.3005, 0.3714, 0.4070



27.3005, 0.2315, 0.2977

Complementary

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



27.3005, 0.3366, 0.2825



38.8380, 0.2947, 0.3807

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.



27.3005, 0.2499, 0.3405



27.3005, 0.3366, 0.2825



27.3005, 0.3297, 0.4084

Square

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



27.3005, 0.3366, 0.2825



27.3005, 0.3983, 0.3840



27.3005, 0.2853, 0.3832



27.3005, 0.2329, 0.2681

Rectangle

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



27.3005, 0.3366, 0.2825



27.3005, 0.3964, 0.3377



27.3005, 0.2853, 0.3832



27.3005, 0.2355, 0.3109

Sweetspot

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



27.3017, 0.3366, 0.2825



69.2391, 0.3190, 0.3149



24.4712, 0.2804, 0.2501



14.9663, 0.3201, 0.3126



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



27.3017, 0.3366, 0.2825



43.5241, 0.3437, 0.2718



26.5075, 0.3662, 0.3178



8.5929, 0.3191, 0.3147



7.6361, 0.4381, 0.2187



0.2510, 0.3977, 0.1964

Inverse Universe

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



27.3017, 0.3366, 0.2825



43.5241, 0.3437, 0.2718



39.7106, 0.2767, 0.3407



8.5929, 0.3191, 0.3147



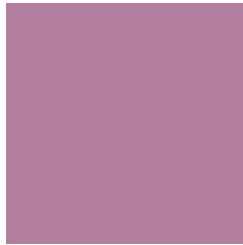
7.6361, 0.4381, 0.2187



0.2510, 0.3977, 0.1964

Previews

White Background



This preview shows how the Yxy color 27.3005, 0.3366, 0.2825 looks on a white background.

Color Contrast Check

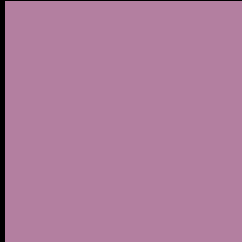
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3005, 0.3366, 0.2825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

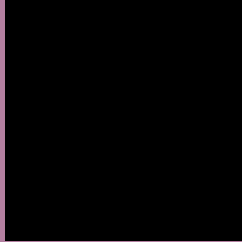
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3005, 0.3366, 0.2825

Background



This preview shows how black text looks on a background with the Yxy color 27.3005, 0.3366, 0.2825.



This preview shows how white text looks on a background with the Yxy color 27.3005, 0.3366, 0.2825.

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

27.3005, 0.3366, 0.2825

Protanopia

27.5666, 0.2817, 0.2850

Deuteranopia

27.4179, 0.3056, 0.2994



Tritanopia

27.2355, 0.3555, 0.3131

Trichromacy



Original Color

27.3005, 0.3366, 0.2825

Protanomaly

27.3199, 0.3000, 0.2848

Deuteranomaly

27.4082, 0.3166, 0.2930

Tritanomaly

27.3036, 0.3487, 0.3018

Monochromacy



Original Color

27.3005, 0.3366, 0.2825

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.9687, 0.3212, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3005, 0.3366, 0.2825 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(179, 127, 160)` looks like.

```
.text, #text, p{  
    color:rgb(179, 127, 160)  
}
```

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(179, 127, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 127, 160) }
```

Border

The CSS property to change the border of an element to Yxy 27.3005, 0.3366, 0.2825 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(179, 127, 160) }
```

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

```
.border{ border-color:rgb(179, 127, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 127, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 127, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 127, 160);  
box-shadow:4px 4px 4px 4px rgb(179, 127,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3005, 0.3366, 0.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 127, 160) }
```

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

```
.background{ background-color: rgb(179,  
127, 160) }
```

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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