

Converting Colors

$Yxy(36.2408, 0.3087, 0.2758)$

Have a look what the booklet for
Yxy(36.2408, 0.3087, 0.2758)
contains.

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Color

Yxy(36.2533, 0.3085, 0.2755)

Conversions

Conversions Part 1

Format	Color
Hex	B997C0
RGB	185, 151, 192
RGB Percent	73%, 59%, 75%
CMY	0.2744, 0.4079, 0.2470
CMYK	0.04, 0.21, 0.00, 0.25
HSL	290°, 25%, 67%
HSV	290°, 21%, 75%
XYZ	40.5958, 36.2533, 54.7418
YIQ	165.8400, 7.1030, 19.9590

Conversions

Conversions Part 2

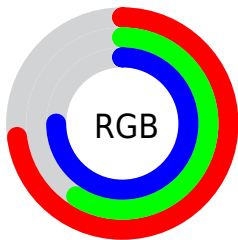
Format	Color
R _Y B	185, 151, 192
Decimal	12163008
CIE Lab	66.71, 20.02, -16.42
CIE LCh	67, 25.897, 320.643
Yxy	36.2533, 0.3085, 0.2755
Android (android.graphics.Color)	4290353088 (0xFFB997C0)
YUV	165.8400, 12.8969, 16.8033
Hunter-Lab	60.2107, 14.9811, -11.7572

Details

The Yxy color **36.2533, 0.3085, 0.2755** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.2127, 0.3156, 0.3867**, and the grayscale version is **37.9883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1407, 0.3096, 0.2852**, and **15.8549, 0.3077, 0.2615** is the 20% darker color. If you saturate the color by 10%, you get **30.1671, 0.3058, 0.2495**, and if you desaturate by 10%, it is **43.3586, 0.3107, 0.3011**.

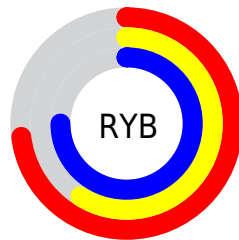
Distribution



Red (73%)

Green (59%)

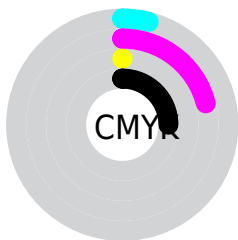
Blue (75%)



Red (73%)

Yellow (59%)

Blue (75%)

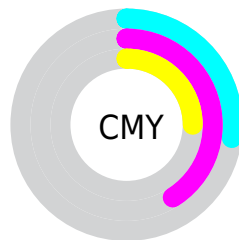


Cyan (4%)

Magenta (21%)

Yellow (0%)

Black (25%)



Cyan (27%)


Magenta (41%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2533, 0.3085, 0.2755 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 36.2533, 0.3085, 0.2755 by changing the saturation by 10% instead.


 36.2533, 0.3085,
0.2755

 36.2533, 0.3085,
0.2755


330.0663, 0.3111,
0.3023

 24.6299, 0.3077,
0.2688


 69.4228, 0.3096,
0.2852

 15.8015, 0.3066,
0.2603


 91.7378, 0.3099,
0.2889

 9.3838, 0.3049,
0.2490


118.3853, 0.3102,
0.2920

 4.9924, 0.3022,
0.2332

149.7499, 0.3105,
0.2946

 2.2428, 0.2974,
0.2101

186.2159, 0.3107,
0.2969

 0.7432, 0.2882,
0.1717

228.1677, 0.3108,


 0.0000, 0.1597,


0.2989


0.0000


275.9897, 0.3110,
0.3007


 0.0000, 0.0000,
0.0000


 36.2533, 0.3085,
0.2755

 36.2533, 0.3085,
0.2755


 30.1671, 0.3058,
0.2495

 43.3586, 0.3107,
0.3011


 25.0467, 0.3027,
0.2240


 51.5239, 0.3125,
0.3257


 20.8407, 0.2991,
0.1998

 60.7932, 0.3139,
0.3490

 17.4914, 0.2951,
0.1781

 71.2071, 0.3150,
0.3705

 14.9343, 0.2908,
0.1598

 82.8036, 0.3157,
0.3904

■ 13.0955, 0.2863,
0.1457

■ 88.2599, 0.3172,
0.3979

■ 11.8874, 0.2818,
0.1360

■ 88.7295, 0.3192,
0.3974

■ 11.2068, 0.2780,
0.1305

■ 89.2089, 0.3213,
0.3970

■ 89.6982, 0.3234,
0.3966

Harmonies

Analogous

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



36.2533, 0.2721, 0.2653



36.2533, 0.3085, 0.2755



36.2533, 0.3484, 0.2978

Triad

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



36.2533, 0.3085, 0.2755



36.2533, 0.3806, 0.3866



36.2533, 0.2498, 0.3246

Complementary

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



36.2533, 0.3085, 0.2755



47.2127, 0.3156, 0.3867

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.



36.2533, 0.2759, 0.3629



36.2533, 0.3085, 0.2755



36.2533, 0.3514, 0.3997

Square

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



36.2533, 0.3085, 0.2755



36.2533, 0.3914, 0.3598



36.2533, 0.3130, 0.3916



36.2533, 0.2399, 0.2907

Rectangle

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



36.2533, 0.3085, 0.2755



36.2533, 0.3709, 0.3173



36.2533, 0.3130, 0.3916



36.2533, 0.2568, 0.3375

Sweetspot

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



36.2549, 0.3085, 0.2755



86.0953, 0.3117, 0.3142



35.0145, 0.2780, 0.2814



18.2620, 0.3116, 0.3126



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.



36.2549, 0.3085, 0.2755



59.8824, 0.3072, 0.2624



36.5959, 0.3273, 0.2925



10.1578, 0.3111, 0.3061



7.5683, 0.2786, 0.1308



0.3505, 0.2886, 0.1363

Inverse Universe

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



35.8081, 0.3481, 0.3198



58.9582, 0.3590, 0.3174



46.9690, 0.3006, 0.3685



10.1053, 0.3263, 0.3251



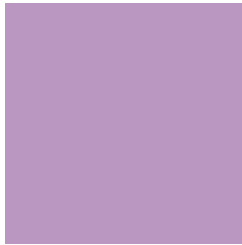
7.6217, 0.6128, 0.3149



0.3382, 0.5553, 0.2833

Previews

White Background



This preview shows how the Yxy color 36.2533, 0.3085, 0.2755 looks on a white background.

Color Contrast Check

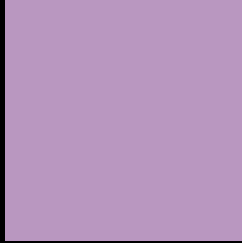
Large Text (above 18pt) WCAG AA × Fail

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 36.2533, 0.3085, 0.2755 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 36.2533, 0.3085, 0.2755

Background



This preview shows how black text looks on a background with the Yxy color 36.2533, 0.3085, 0.2755.



This preview shows how white text looks on a background with the Yxy color 36.2533, 0.3085, 0.2755.

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

36.2533, 0.3085, 0.2755

Protanopia

36.4833, 0.2756, 0.2763

Deuteranopia

36.5572, 0.2910, 0.2850



Tritanopia

36.0936, 0.3264, 0.3113

Trichromacy



Original Color

36.2533, 0.3085, 0.2755

Protanomaly

36.0988, 0.2869, 0.2759

Deuteranomaly

36.3092, 0.2972, 0.2817

Tritanomaly

36.2306, 0.3190, 0.2981

Monochromacy



Original Color

36.2533, 0.3085, 0.2755

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.4691, 0.3117, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2533, 0.3085, 0.2755 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(185, 151, 192)` looks like.

```
.text, #text, p{  
    color:rgb(185, 151, 192)  
}
```

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(185, 151, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 151, 192) }
```

Border

The CSS property to change the border of an element to Yxy 36.2533, 0.3085, 0.2755 is called "border". The border property can be set on classes, ids or directly on the HTML element.

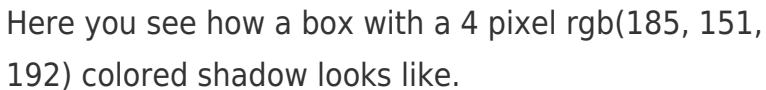
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 151, 192) }
```

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

```
.border{ border-color:rgb(185, 151, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 151, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 151, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 151, 192); box-shadow:4px 4px 4px 4px rgb(185, 151, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2533, 0.3085, 0.2755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 151, 192) }
```

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

```
.background{ background-color: rgb(185,  
151, 192) }
```

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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