

Converting Colors

$Y_{xy}(35.2363, 0.3093, 0.2762)$

Have a look what the booklet for
Yxy(35.2363, 0.3093, 0.2762)
contains.

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Color

Yxy(35.2363, 0.3093, 0.2762)

Conversions

Conversions Part 1

Format	Color
Hex	B795BD
RGB	183, 149, 189
RGB Percent	72%, 58%, 74%
CMY	0.2824, 0.4156, 0.2587
CMYK	0.03, 0.21, 0.00, 0.26
HSL	291°, 23%, 66%
HSV	291°, 21%, 74%
XYZ	39.4590, 35.2363, 52.8800
YIQ	163.7260, 7.4240, 19.6480

Conversions

Conversions Part 2

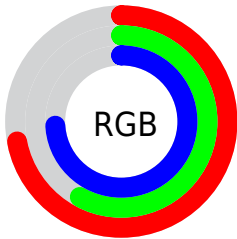
Format	Color
RYB	183, 149, 189
Decimal	12031421
CIELab	65.93, 19.84, -15.95
CIElCh	66, 25.455, 321.214
Yxy	35.2363, 0.3093, 0.2762
Android (android.graphics.Color)	4290221501 (0xFFB795BD)
YUV	163.7260, 12.4601, 16.9033
Hunter-Lab	59.3602, 14.7757, -11.2653

Details

The Yxy color **35.2363, 0.3093, 0.2762** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.5511, 0.3149, 0.3861**, and the grayscale version is **36.9249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6552, 0.3103, 0.2859**, and **15.2588, 0.3077, 0.2605** is the 20% darker color. If you saturate the color by 10%, you get **29.3868, 0.3071, 0.2504**, and if you desaturate by 10%, it is **42.0667, 0.3111, 0.3017**.

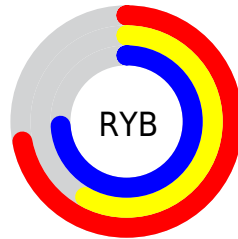
Distribution



Red (72%)

Green (58%)

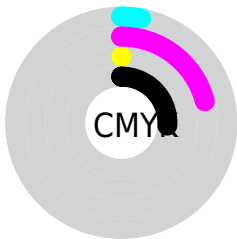
Blue (74%)



Red (72%)

Yellow (58%)

Blue (74%)

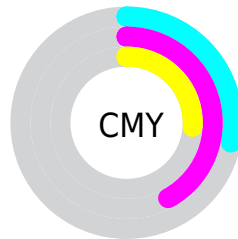


Cyan (3%)

Magenta (21%)

Yellow (0%)

Black (26%)



Cyan (28%)


Magenta (42%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2363, 0.3093, 0.2762 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 35.2363, 0.3093, 0.2762 by changing the saturation by 10% instead.


 35.2363, 0.3093,
0.2762


 35.2363, 0.3093,
0.2762


325.6101, 0.3115,
0.3028

 23.8450, 0.3086,
0.2695


 67.8517, 0.3102,
0.2859

 15.2186, 0.3076,
0.2610


 89.8445, 0.3105,
0.2895

 8.9730, 0.3061,
0.2496


116.1399, 0.3108,
0.2926

 4.7236, 0.3036,
0.2337

147.1224, 0.3110,
0.2952

 2.0860, 0.2991,
0.2101

183.1762, 0.3111,
0.2975

 0.6567, 0.2910,
0.1680

224.6859, 0.3113,

 0.0000, 0.0828,

0.2994

0.0000

272.0357, 0.3114,
0.3012

0.0000, 0.0000,
0.0000

35.2363, 0.3093,
0.2762

35.2363, 0.3093,
0.2762

29.3868, 0.3071,
0.2504

42.0667, 0.3111,
0.3017

24.4668, 0.3044,
0.2251

49.9171, 0.3126,
0.3262

20.4272, 0.3013,
0.2012

58.8299, 0.3137,
0.3494

17.2125, 0.2979,
0.1799

68.8440, 0.3145,
0.3710

14.7608, 0.2942,
0.1619

79.9961, 0.3151,
0.3908

■ 13.0014, 0.2903,
0.1480

■ 87.4914, 0.3160,
0.4019

■ 11.8505, 0.2864,
0.1386

■ 87.8889, 0.3178,
0.4015

■ 11.1954, 0.2829,
0.1332

■ 88.2937, 0.3196,
0.4011

■ 88.7060, 0.3214,
0.4007

Harmonies

Analogous

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



35.2363, 0.2730, 0.2658



35.2363, 0.3093, 0.2762



35.2363, 0.3488, 0.2985

Triad

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



35.2363, 0.3093, 0.2762



35.2363, 0.3797, 0.3866



35.2363, 0.2499, 0.3239

Complementary

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



35.2363, 0.3093, 0.2762



45.5511, 0.3149, 0.3861

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.



35.2363, 0.2756, 0.3619



35.2363, 0.3093, 0.2762



35.2363, 0.3505, 0.3992

Square

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



35.2363, 0.3093, 0.2762



35.2363, 0.3908, 0.3602



35.2363, 0.3122, 0.3907



35.2363, 0.2404, 0.2905

Rectangle

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



35.2363, 0.3093, 0.2762



35.2363, 0.3710, 0.3180



35.2363, 0.3122, 0.3907



35.2363, 0.2568, 0.3367

Sweetspot

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



35.2378, 0.3093, 0.2762



82.2163, 0.3119, 0.3143



33.7353, 0.2783, 0.2810



17.4844, 0.3118, 0.3127



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



35.2378, 0.3093, 0.2762



58.4510, 0.3084, 0.2653



35.4425, 0.3278, 0.2937



9.6213, 0.3114, 0.3062



7.5568, 0.2834, 0.1335



0.3161, 0.2930, 0.1388

Inverse Universe

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



34.6888, 0.3484, 0.3209



57.3352, 0.3577, 0.3192



45.4180, 0.3003, 0.3671



9.5593, 0.3265, 0.3256



7.3448, 0.6170, 0.3172



0.2953, 0.5599, 0.2858

Previews

White Background



This preview shows how the Yxy color 35.2363, 0.3093, 0.2762 looks on a white background.

Color Contrast Check

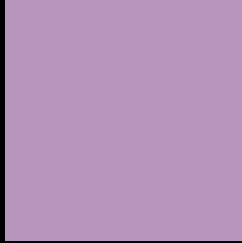
Large Text (above 18pt) WCAG AA × Fail

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 35.2363, 0.3093, 0.2762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

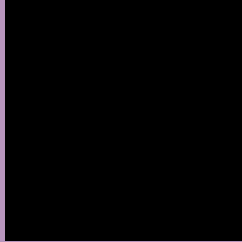
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2363, 0.3093, 0.2762

Background



This preview shows how black text looks on a background with the Yxy color 35.2363, 0.3093, 0.2762.



This preview shows how white text looks on a background with the Yxy color 35.2363, 0.3093, 0.2762.

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

35.2363, 0.3093, 0.2762

Protanopia

35.4572, 0.2759, 0.2771

Deuteranopia

35.5313, 0.2916, 0.2859



Tritanopia

35.2024, 0.3285, 0.3125

Trichromacy



Original Color

35.2363, 0.3093, 0.2762

Protanomaly

35.0795, 0.2874, 0.2766

Deuteranomaly

35.2881, 0.2979, 0.2825

Tritanomaly

35.3362, 0.3210, 0.2991

Monochromacy



Original Color

35.2363, 0.3093, 0.2762

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.4713, 0.3117, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2363, 0.3093, 0.2762 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(183, 149, 189)` looks like.

```
.text, #text, p{  
    color:rgb(183, 149, 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(183, 149, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 149, 189) }
```

Border

The CSS property to change the border of an element to Yxy 35.2363, 0.3093, 0.2762 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(183, 149, 189) }
```

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

```
.border{ border-color:rgb(183, 149, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 149, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 149, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 149, 189); box-shadow:4px 4px 4px 4px rgb(183, 149, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2363, 0.3093, 0.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 149, 189) }
```

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

```
.background{ background-color: rgb(183,  
149, 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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