

Converting Colors

$Y_{xy}(34.2740, 0.3068, 0.2723)$

Have a look what the booklet for
Yxy(34.2740, 0.3068, 0.2723)
contains.

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Color

Yxy(34.3653, 0.3075, 0.2732)

Conversions

Conversions Part 1

Format	Color
Hex	B593BD
RGB	181, 147, 189
RGB Percent	71%, 58%, 74%
CMY	0.2901, 0.4236, 0.2588
CMYK	0.04, 0.22, 0.00, 0.26
HSL	289°, 24%, 66%
HSV	289°, 22%, 74%
XYZ	38.6798, 34.3653, 52.7429
YIQ	161.9540, 6.7820, 20.2700

Conversions

Conversions Part 2

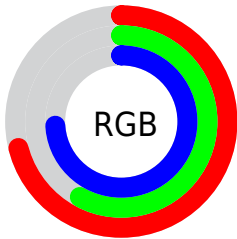
Format	Color
RYB	181, 147, 189
Decimal	11899837
CIELab	65.25, 20.30, -16.98
CIELCh	65, 26.470, 320.090
Yxy	34.3653, 0.3075, 0.2732
Android (android.graphics.Color)	4290089917 (0xFFB593BD)
YUV	161.9540, 13.3337, 16.7033
Hunter-Lab	58.6219, 15.1892, -12.3087

Details

The Yxy color **34.3653, 0.3075, 0.2732** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.4715, 0.3164, 0.3890**, and the grayscale version is **36.0444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3704, 0.3089, 0.2836**, and **14.7325, 0.3050, 0.2563** is the 20% darker color. If you saturate the color by 10%, you get **28.5352, 0.3043, 0.2471**, and if you desaturate by 10%, it is **41.1753, 0.3101, 0.2989**.

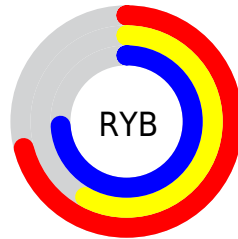
Distribution



Red (71%)

Green (58%)

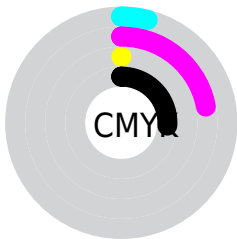
Blue (74%)



Red (71%)

Yellow (58%)

Blue (74%)

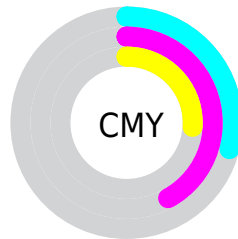


Cyan (4%)

Magenta (22%)

Yellow (0%)

Black (26%)



Cyan (29%)


Magenta (42%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.3653, 0.3075, 0.2732 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 34.3653, 0.3075, 0.2732 by changing the saturation by 10% instead.

 34.3653, 0.3075,
0.2732


 34.3653, 0.3075,
0.2732


321.7579, 0.3107,
0.3013

 23.1744, 0.3065,
0.2661


 66.5013, 0.3088,
0.2835

 14.7223, 0.3051,
0.2571


 88.2152, 0.3092,
0.2873

 8.6247, 0.3031,
0.2450


114.2056, 0.3096,
0.2905

 4.4972, 0.2998,
0.2281

144.8568, 0.3099,
0.2933

 1.9554, 0.2941,
0.2030

180.5532, 0.3101,
0.2957

 0.5814, 0.2845,
0.1552

221.6793, 0.3103,

 0.0000, 0.0000,

0.2978

0.0000

268.6194, 0.3105,
0.2997

■ 34.3653, 0.3075,
0.2732

■ 34.3653, 0.3075,
0.2732

■ 28.5352, 0.3043,
0.2471

■ 41.1753, 0.3101,
0.2989

■ 23.6333, 0.3007,
0.2214

■ 49.0047, 0.3123,
0.3237

■ 19.6100, 0.2965,
0.1971

■ 57.8963, 0.3140,
0.3470

■ 16.4092, 0.2919,
0.1753

■ 67.8891, 0.3154,
0.3687

■ 13.9681, 0.2871,
0.1569

■ 79.0201, 0.3164,
0.3886

■ 12.2149, 0.2820,
0.1427

■ 87.8313, 0.3176,
0.4015

■ 11.0638, 0.2770,
0.1330

■ 88.3400, 0.3198,
0.4010

■ 10.4559, 0.2732,
0.1278

■ 88.8605, 0.3221,
0.4005

■ 89.3928, 0.3244,
0.4000

Harmonies

Analogous

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



34.3653, 0.2698, 0.2629



34.3653, 0.3075, 0.2732



34.3653, 0.3491, 0.2961

Triad

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



34.3653, 0.3075, 0.2732



34.3653, 0.3837, 0.3883



34.3653, 0.2477, 0.3250

Complementary

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



34.3653, 0.3075, 0.2732



45.4715, 0.3164, 0.3890

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.



34.3653, 0.2751, 0.3650



34.3653, 0.3075, 0.2732



34.3653, 0.3536, 0.4025

Square

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



34.3653, 0.3075, 0.2732



34.3653, 0.3946, 0.3602



34.3653, 0.3136, 0.3947



34.3653, 0.2371, 0.2896

Rectangle

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



34.3653, 0.3075, 0.2732



34.3653, 0.3727, 0.3161



34.3653, 0.3136, 0.3947



34.3653, 0.2551, 0.3385

Sweetspot

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



34.3668, 0.3075, 0.2732



80.6791, 0.3113, 0.3117



33.4519, 0.2766, 0.2803



17.1698, 0.3112, 0.3103



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.



34.3668, 0.3075, 0.2732



55.8981, 0.3059, 0.2596



34.8360, 0.3273, 0.2901



9.6022, 0.3108, 0.3062



7.0658, 0.2738, 0.1282



0.3008, 0.2857, 0.1348

Inverse Universe

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



34.0512, 0.3490, 0.3183



55.2714, 0.3602, 0.3156



45.1253, 0.3007, 0.3713



9.5652, 0.3259, 0.3247



7.3732, 0.6076, 0.3121



0.2979, 0.5434, 0.2767

Previews

White Background



This preview shows how the Yxy color 34.3653, 0.3075, 0.2732 looks on a white background.

Color Contrast Check

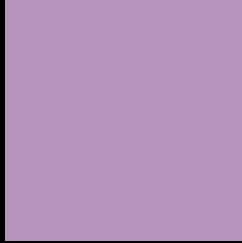
Large Text (above 18pt) WCAG AA × Fail

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 34.3653, 0.3075, 0.2732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

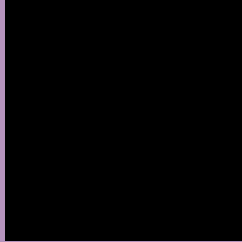
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3653, 0.3075, 0.2732

Background



This preview shows how black text looks on a background with the Yxy color 34.3653, 0.3075, 0.2732.



This preview shows how white text looks on a background with the Yxy color 34.3653, 0.3075, 0.2732.

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

34.3653, 0.3075, 0.2732

Protanopia

34.4890, 0.2732, 0.2738

Deuteranopia

34.5041, 0.2896, 0.2840



Tritanopia

34.4479, 0.3275, 0.3137

Trichromacy



Original Color

34.3653, 0.3075, 0.2732

Protanomaly

34.2098, 0.2855, 0.2735

Deuteranomaly

34.4121, 0.2960, 0.2794

Tritanomaly

34.2562, 0.3201, 0.2987

Monochromacy



Original Color

34.3653, 0.3075, 0.2732

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.5275, 0.3108, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3653, 0.3075, 0.2732 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(181, 147, 189)` looks like.

```
.text, #text, p{  
    color:rgb(181, 147, 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(181, 147, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 147, 189) }
```

Border

The CSS property to change the border of an element to Yxy 34.3653, 0.3075, 0.2732 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(181, 147, 189) }
```

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

```
.border{ border-color:rgb(181, 147, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 147, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 147, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 147, 189); box-shadow:4px 4px 4px 4px rgb(181, 147, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3653, 0.3075, 0.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 147, 189) }
```

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

```
.background{ background-color: rgb(181,  
147, 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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