

Converting Colors

Yxy(33.5661, 0.3043, 0.2556)

Have a look what the booklet for
Yxy(33.5661, 0.3043, 0.2556)
contains.

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Color

Yxy(33.5661, 0.3043, 0.2556)

Conversions

Conversions Part 1

Format	Color
Hex	BA8DC6
RGB	186, 141, 198
RGB Percent	73%, 55%, 78%
CMY	0.2707, 0.4470, 0.2235
CMYK	0.06, 0.29, 0.00, 0.22
HSL	287°, 33%, 66%
HSV	287°, 29%, 78%
XYZ	39.9615, 33.5661, 57.7952
YIQ	160.9530, 8.5230, 27.2670

Conversions

Conversions Part 2

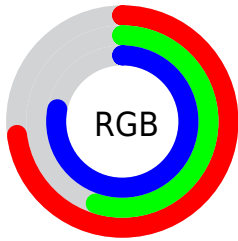
Format	Color
RYB	186, 141, 198
Decimal	12225990
CIELab	64.62, 27.09, -22.94
CIELCh	65, 35.497, 319.740
Yxy	33.5661, 0.3043, 0.2556
Android (android.graphics.Color)	4290416070 (0xFFBA8DC6)
YUV	160.9530, 18.2642, 21.9662
Hunter-Lab	57.9363, 21.7319, -18.5902

Details

The Yxy color **33.5661, 0.3043, 0.2556** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.0859, 0.3181, 0.4094**, and the grayscale version is **35.5284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3049, 0.3065, 0.2686**, and **14.2315, 0.3004, 0.2348** is the 20% darker color. If you saturate the color by 10%, you get **27.7248, 0.3003, 0.2293**, and if you desaturate by 10%, it is **40.4694, 0.3077, 0.2819**.

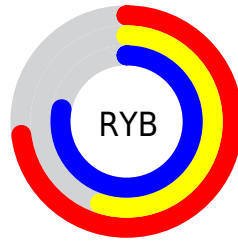
Distribution



Red (73%)

Green (55%)

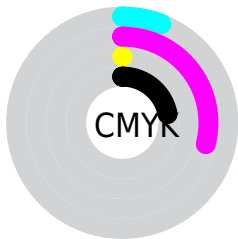
Blue (78%)



Red (73%)

Yellow (55%)

Blue (78%)

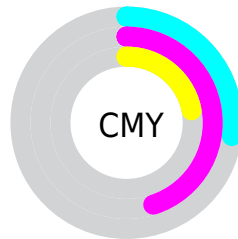


Cyan (6%)

Magenta (29%)

Yellow (0%)

Black (22%)



Cyan (27%)


Magenta (45%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5661, 0.3043, 0.2556 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 33.5661, 0.3043, 0.2556 by changing the saturation by 10% instead.


 33.5661, 0.3043,
0.2556


 33.5661, 0.3043,
0.2556


318.1929, 0.3095,
0.2921


 22.5605, 0.3027,
0.2466


 65.2583, 0.3064,
0.2688

 14.2693, 0.3005,
0.2352


 86.7138, 0.3071,
0.2738

 8.3082, 0.2972,
0.2201


 112.4212, 0.3077,
0.2780

 4.2928, 0.2920,
0.1996

142.7651, 0.3082,
0.2816

 1.8387, 0.2831,
0.1701

178.1298, 0.3086,
0.2848

 0.5111, 0.2682,
0.1156

218.8998, 0.3089,


 0.0000, 0.0903,


0.2875

0.0000


265.4594, 0.3092,
0.2899


 0.0000, 0.0000,
0.0000


 33.5661, 0.3043,
0.2556


 33.5661, 0.3043,
0.2556

 27.7248, 0.3003,
0.2293

 40.4694, 0.3077,
0.2819


 22.8853, 0.2957,
0.2041

 48.4820, 0.3106,
0.3075

 18.9883, 0.2906,
0.1809

 57.6534, 0.3130,
0.3319

 15.9662, 0.2852,
0.1608

 68.0291, 0.3149,
0.3547

 13.7422, 0.2796,
0.1447

 79.6520, 0.3163,
0.3758

■ 12.2260, 0.2740,
0.1331

■ 89.4519, 0.3178,
0.3904

■ 11.2697, 0.2684,
0.1257

■ 90.0773, 0.3205,
0.3899

■ 11.1659, 0.2677,
0.1249

■ 90.7188, 0.3232,
0.3894

■ 91.3767, 0.3258,
0.3889

Harmonies

Analogous

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



33.5661, 0.2548, 0.2421



33.5661, 0.3043, 0.2556



33.5661, 0.3608, 0.2848

Triad

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



33.5661, 0.3043, 0.2556



33.5661, 0.4078, 0.4065



33.5661, 0.2266, 0.3229

Complementary

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



33.5661, 0.3043, 0.2556



49.0859, 0.3181, 0.4094

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.



33.5661, 0.2621, 0.3790



33.5661, 0.3043, 0.2556



33.5661, 0.3667, 0.4287

Square

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



33.5661, 0.3043, 0.2556



33.5661, 0.4234, 0.3677



33.5661, 0.3132, 0.4204



33.5661, 0.2132, 0.2753

Rectangle

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



33.5661, 0.3043, 0.2556



33.5661, 0.3935, 0.3104



33.5661, 0.3132, 0.4204



33.5661, 0.2361, 0.3416

Sweetspot

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



33.5675, 0.3043, 0.2556



85.3143, 0.3105, 0.3066



32.6428, 0.2647, 0.2648



17.7873, 0.3101, 0.3029



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



33.5675, 0.3043, 0.2556



52.2628, 0.3016, 0.2378



34.4315, 0.3317, 0.2770



10.6993, 0.3105, 0.3060



7.2998, 0.2685, 0.1253



0.3748, 0.2800, 0.1316

Inverse Universe

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



33.3615, 0.3622, 0.3133



51.9269, 0.3787, 0.3094



48.4900, 0.2979, 0.3875



10.6730, 0.3257, 0.3241



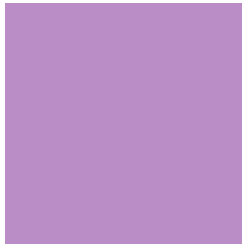
7.9257, 0.6025, 0.3092



0.3862, 0.5435, 0.2767

Previews

White Background



This preview shows how the Yxy color 33.5661, 0.3043, 0.2556 looks on a white background.

Color Contrast Check

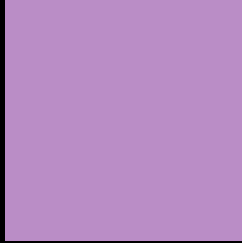
Large Text (above 18pt) WCAG AA × Fail

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 33.5661, 0.3043, 0.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

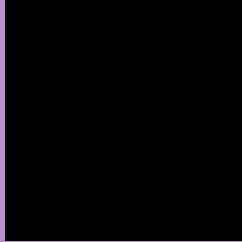
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5661, 0.3043, 0.2556

Background



This preview shows how black text looks on a background with the Yxy color 33.5661, 0.3043, 0.2556.



This preview shows how white text looks on a background with the Yxy color 33.5661, 0.3043, 0.2556.

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

33.5661, 0.3043, 0.2556

Protanopia

33.7475, 0.2588, 0.2549

Deuteranopia

33.7721, 0.2754, 0.2698



Tritanopia

33.4212, 0.3342, 0.3123

Trichromacy



Original Color

33.5661, 0.3043, 0.2556

Protanomaly

33.4414, 0.2740, 0.2552

Deuteranomaly

33.4186, 0.2847, 0.2633

Tritanomaly

33.2519, 0.3227, 0.2896

Monochromacy



Original Color

33.5661, 0.3043, 0.2556

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.7132, 0.3101, 0.3009

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5661, 0.3043, 0.2556 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(186, 141, 198)` looks like.

```
.text, #text, p{  
    color:rgb(186, 141, 198)  
}
```

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(186, 141, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 141, 198) }
```

Border

The CSS property to change the border of an element to Yxy 33.5661, 0.3043, 0.2556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

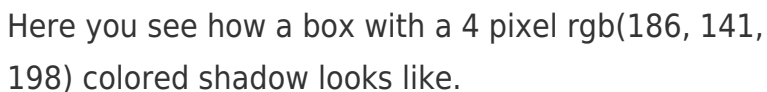
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 141, 198) }
```

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

```
.border{ border-color:rgb(186, 141, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 141, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 141, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 141, 198); box-shadow:4px 4px 4px 4px rgb(186, 141, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5661, 0.3043, 0.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 141, 198) }
```

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

```
.background{ background-color: rgb(186,  
141, 198) }
```

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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