

Converting Colors

$Y_{xy}(35.4215, 0.2933, 0.2540)$

Have a look what the booklet for
Yxy(35.4215, 0.2933, 0.2540)
contains.

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Color

Yxy(35.5811, 0.2936, 0.2547)

Conversions

Conversions Part 1

Format	Color
Hex	B694CE
RGB	182, 148, 206
RGB Percent	71%, 58%, 81%
CMY	0.2864, 0.4195, 0.1921
CMYK	0.12, 0.28, 0.00, 0.19
HSL	275°, 37%, 69%
HSV	275°, 28%, 81%
XYZ	41.0154, 35.5811, 63.1016
YIQ	164.7780, 1.6460, 25.2460

Conversions

Conversions Part 2

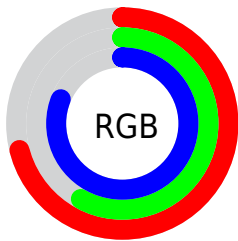
Format	Color
R_{YB}	182, 148, 206
Decimal	11965646
CIE Lab	66.20, 23.53, -25.02
CIE LCh	66, 34.352, 313.242
Yxy	35.5811, 0.2936, 0.2547
Android (android.graphics.Color)	4290155726 (0xFFB694CE)
YUV	164.7780, 20.3224, 15.1037
Hunter-Lab	59.6499, 18.3495, -20.9660

Details

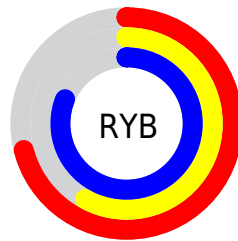
The Yxy color **35.5811, 0.2936, 0.2547** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.0617, 0.3272, 0.4054**, and the grayscale version is **37.4148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6382, 0.3028, 0.2752**, and **15.4056, 0.2858, 0.2336** is the 20% darker color. If you saturate the color by 10%, you get **28.6757, 0.2848, 0.2261**, and if you desaturate by 10%, it is **43.7031, 0.3014, 0.2825**.

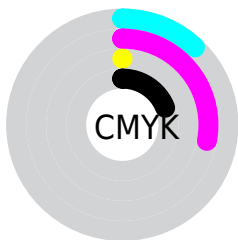
Distribution



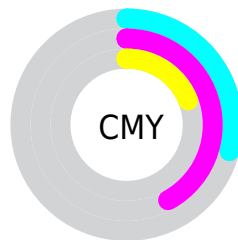
- Red (71%)
- Green (58%)
- Blue (81%)



- Red (71%)
- Yellow (58%)
- Blue (81%)



- Cyan (12%)
- Magenta (28%)
- Yellow (0%)
- Black (19%)





- Cyan (29%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5811, 0.2936, 0.2547 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 35.5811, 0.2936, 0.2547 by changing the saturation by 10% instead.


 35.5811, 0.2936,
0.2547


 35.5811, 0.2936,
0.2547


327.1259, 0.3041,
0.2914

 24.1108, 0.2907,
0.2457


 68.3850, 0.2977,
0.2679

 15.4159, 0.2868,
0.2344


 90.4875, 0.2991,
0.2729

 9.1118, 0.2813,
0.2196


116.9028, 0.3003,
0.2771

 4.8142, 0.2732,
0.1995

148.0153, 0.3013,
0.2808

 2.1386, 0.2601,
0.1711

184.2095, 0.3022,
0.2840

 0.6862, 0.2374,
0.1265

225.8697, 0.3029,


 0.0000, 0.1160,


0.2867

0.0000


273.3804, 0.3036,
0.2892


 0.0000, 0.0000,
0.0000

 35.5811, 0.2936,
0.2547


 35.5811, 0.2936,
0.2547


 28.6757, 0.2848,
0.2261


 43.7031, 0.3014,
0.2825


 22.9202, 0.2749,
0.1977

 53.0946, 0.3080,
0.3089


 18.2483, 0.2643,
0.1706

 63.8111, 0.3137,
0.3334

 14.5850, 0.2532,
0.1463

 75.9032, 0.3184,
0.3559

 11.8453, 0.2420,
0.1259

 89.4189, 0.3223,
0.3763

9.9293, 0.2312,
0.1104

93.3359, 0.3274,
0.3793

8.6893, 0.2211,
0.0999

94.8103, 0.3330,
0.3784

8.4917, 0.2193,
0.0982

96.3552, 0.3386,
0.3775

97.2365, 0.3418,
0.3770

Harmonies

Analogous

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



35.5811, 0.2494, 0.2456



35.5811, 0.2936, 0.2547



35.5811, 0.3471, 0.2798

Triad

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



35.5811, 0.2936, 0.2547



35.5811, 0.4088, 0.3960



35.5811, 0.2364, 0.3349

Complementary

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



35.5811, 0.2936, 0.2547



55.0617, 0.3272, 0.4054

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.



35.5811, 0.2744, 0.3867



35.5811, 0.2936, 0.2547



35.5811, 0.3742, 0.4212

Square

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



35.5811, 0.2936, 0.2547



35.5811, 0.4169, 0.3574



35.5811, 0.3248, 0.4199



35.5811, 0.2187, 0.2866

Rectangle

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



35.5811, 0.2936, 0.2547



35.5811, 0.3802, 0.3031



35.5811, 0.3248, 0.4199



35.5811, 0.2471, 0.3528

Sweetspot

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



35.5826, 0.2936, 0.2547



86.0987, 0.3081, 0.3090



40.3277, 0.2674, 0.2827



17.9031, 0.3071, 0.3051



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.



35.5826, 0.2936, 0.2547



50.4041, 0.2882, 0.2368



38.5335, 0.3204, 0.2649



11.1629, 0.3073, 0.3057



5.2867, 0.2207, 0.0989



0.3166, 0.2400, 0.1096

Inverse Universe

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



37.2892, 0.3487, 0.2989



53.7478, 0.3597, 0.2919



52.7379, 0.3058, 0.4029



11.2895, 0.3226, 0.3194



8.5063, 0.5299, 0.2693



0.4538, 0.4794, 0.2414

Previews

White Background



This preview shows how the Yxy color 35.5811, 0.2936, 0.2547 looks on a white background.

Color Contrast Check

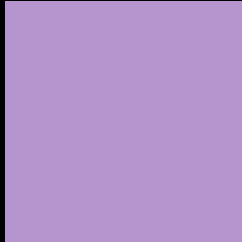
Large Text (above 18pt) WCAG AA × Fail

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 35.5811, 0.2936, 0.2547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

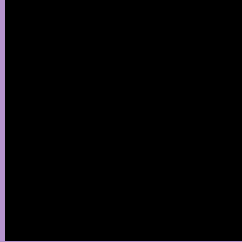
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5811, 0.2936, 0.2547

Background



This preview shows how black text looks on a background with the Yxy color 35.5811, 0.2936, 0.2547.



This preview shows how white text looks on a background with the Yxy color 35.5811, 0.2936, 0.2547.

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

35.5811, 0.2936, 0.2547

Protanopia

35.7623, 0.2585, 0.2541

Deuteranopia

35.6834, 0.2716, 0.2658



Tritanopia

35.4999, 0.3214, 0.3110

Trichromacy



Original Color

35.5811, 0.2936, 0.2547

Protanomaly

35.5168, 0.2703, 0.2541

Deuteranomaly

35.4115, 0.2788, 0.2606

Tritanomaly

35.2988, 0.3107, 0.2884

Monochromacy



Original Color

35.5811, 0.2936, 0.2547

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.7495, 0.3056, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5811, 0.2936, 0.2547 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(182, 148, 206)` looks like.

```
.text, #text, p{  
    color:rgb(182, 148, 206)  
}
```

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(182, 148, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 148, 206) }
```

Border

The CSS property to change the border of an element to Yxy 35.5811, 0.2936, 0.2547 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(182, 148, 206) }
```

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

```
.border{ border-color:rgb(182, 148, 206) }
```

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

Here you see how a box with a 4 pixel rgb(182, 148, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 148, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 148, 206);  
box-shadow:4px 4px 4px 4px rgb(182, 148,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5811, 0.2936, 0.2547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 148, 206) }
```

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

```
.background{ background-color: rgb(182,  
148, 206) }
```

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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