

Converting Colors

$Y_{xy}(35.5625, 0.3217, 0.2927)$

Have a look what the booklet for
Yxy(35.5625, 0.3217, 0.2927)
contains.

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Color

Yxy(35.6619, 0.3213, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	B997B2
RGB	185, 151, 178
RGB Percent	73%, 59%, 70%
CMY	0.2746, 0.4078, 0.3019
CMYK	0.00, 0.18, 0.04, 0.27
HSL	312°, 20%, 66%
HSV	312°, 18%, 73%
XYZ	39.1064, 35.6619, 46.9447
YIQ	164.2440, 11.5970, 15.6050

Conversions

Conversions Part 2

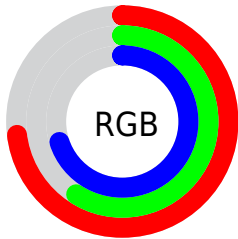
Format	Color
R_{YB}	185, 151, 178
Decimal	12162994
CIE _{Lab}	66.26, 17.31, -9.26
CIE _{LCh}	66, 19.633, 331.851
Yxy	35.6619, 0.3213, 0.2930
Android (android.graphics.Color)	4290353074 (0xFFB997B2)
YUV	164.2440, 6.7817, 18.2030
Hunter-Lab	59.7176, 12.3859, -4.8063

Details

The Yxy color **35.6619, 0.3213, 0.2930** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.7373, 0.3052, 0.3679**, and the grayscale version is **37.2097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3039, 0.3194, 0.2990**, and **15.5005, 0.3248, 0.2832** is the 20% darker color. If you saturate the color by 10%, you get **30.0183, 0.3270, 0.2728**, and if you desaturate by 10%, it is **42.2471, 0.3163, 0.3129**.

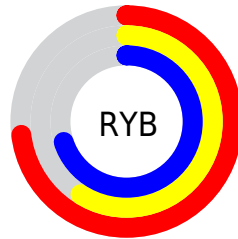
Distribution



Red (73%)

Green (59%)

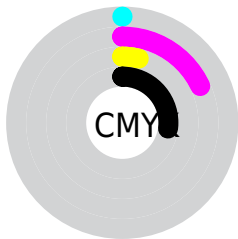
Blue (70%)



Red (73%)

Yellow (59%)

Blue (70%)

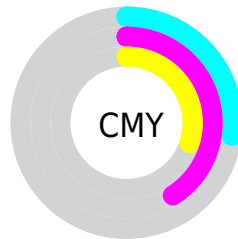


Cyan (0%)

Magenta (18%)

Yellow (4%)

Black (27%)



Cyan (27%)


Magenta (41%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6619, 0.3213, 0.2930 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 35.6619, 0.3213, 0.2930 by changing the saturation by 10% instead.


 35.6619, 0.3213,
0.2930


 35.6619, 0.3213,
0.2930

327.4804, 0.3171,
0.3113

 24.1732, 0.3223,
0.2883


 68.5099, 0.3198,
0.2997

 15.4621, 0.3237,
0.2823


 90.6380, 0.3192,
0.3022

 9.1444, 0.3254,
0.2742


117.0813, 0.3187,
0.3043

 4.8355, 0.3278,
0.2627

148.2242, 0.3183,
0.3061

 2.1511, 0.3313,
0.2451

184.4512, 0.3179,
0.3077

 0.6931, 0.3379,
0.2120

226.1467, 0.3176,


 0.0000, 0.1289,

0.3090


0.0000

273.6949, 0.3173,
0.3102


 0.0000, 0.0000,
0.0000

 35.6619, 0.3213,
0.2930


 35.6619, 0.3213,
0.2930

 30.0183, 0.3270,
0.2728


 42.2471, 0.3163,
0.3129

 25.2680, 0.3334,
0.2528

 49.8097, 0.3121,
0.3321

 21.3657, 0.3404,
0.2340

 58.3896, 0.3084,
0.3502

 18.2602, 0.3480,
0.2172

 68.0229, 0.3053,
0.3671

 15.8947, 0.3559,
0.2035

 78.7441, 0.3027,
0.3827

■ 14.2050, 0.3640,
0.1937

■ 86.0385, 0.3005,
0.3901

■ 13.1158, 0.3719,
0.1883

■ 86.2192, 0.2985,
0.3856

■ 12.5038, 0.3795,
0.1872

■ 86.4043, 0.2965,
0.3812

■ 12.4185, 0.3808,
0.1871

■ 86.5939, 0.2944,
0.3768

Harmonies

Analogous

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



35.6619, 0.2914, 0.2812



35.6619, 0.3213, 0.2930



35.6619, 0.3500, 0.3133

Triad

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



35.6619, 0.3213, 0.2930



35.6619, 0.3578, 0.3785



35.6619, 0.2597, 0.3157

Complementary

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



35.6619, 0.3213, 0.2930



43.7373, 0.3052, 0.3679

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.



35.6619, 0.2758, 0.3443



35.6619, 0.3213, 0.2930



35.6619, 0.3322, 0.3820

Square

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



35.6619, 0.3213, 0.2930



35.6619, 0.3716, 0.3618



35.6619, 0.3022, 0.3694



35.6619, 0.2570, 0.2927

Rectangle

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



35.6619, 0.3213, 0.2930



35.6619, 0.3641, 0.3296



35.6619, 0.3022, 0.3694



35.6619, 0.2637, 0.3250

Sweetspot

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



35.6635, 0.3213, 0.2930



78.5950, 0.3153, 0.3173



32.8886, 0.2891, 0.2806



16.7630, 0.3156, 0.3161



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.6635, 0.3213, 0.2930



59.6493, 0.3235, 0.2849



35.0292, 0.3376, 0.3152



9.1303, 0.3168, 0.3110



8.4688, 0.3799, 0.1866



0.3066, 0.3620, 0.1768

Inverse Universe

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



35.6635, 0.3213, 0.2930



59.6493, 0.3235, 0.2849



44.3560, 0.2928, 0.3433



9.1303, 0.3168, 0.3110



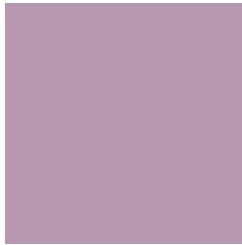
8.4688, 0.3799, 0.1866



0.3066, 0.3620, 0.1768

Previews

White Background



This preview shows how the Yxy color 35.6619, 0.3213, 0.2930 looks on a white background.

Color Contrast Check

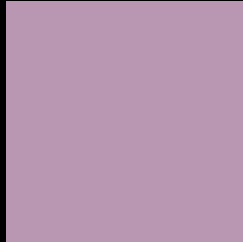
Large Text (above 18pt) WCAG AA × Fail

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 35.6619, 0.3213, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

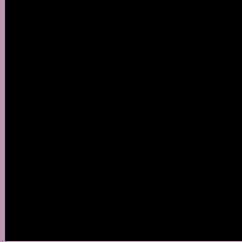
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6619, 0.3213, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 35.6619, 0.3213, 0.2930.



This preview shows how white text looks on a background with the Yxy color 35.6619, 0.3213, 0.2930.

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

35.6619, 0.3213, 0.2930

Protanopia

35.7704, 0.2896, 0.2949

Deuteranopia

35.8343, 0.3073, 0.3012



Tritanopia

35.5664, 0.3315, 0.3127

Trichromacy



Original Color

35.6619, 0.3213, 0.2930

Protanomaly

35.7068, 0.3002, 0.2942

Deuteranomaly

35.7310, 0.3122, 0.2988

Tritanomaly

35.5491, 0.3278, 0.3047

Monochromacy



Original Color

35.6619, 0.3213, 0.2930

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.4315, 0.3163, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6619, 0.3213, 0.2930 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(185, 151, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 151, 178) }
```

Border

The CSS property to change the border of an element to Yxy 35.6619, 0.3213, 0.2930 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, 178) }
```

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

```
.border{ border-color:rgb(185, 151, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 151, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 151, 178);  
box-shadow:4px 4px 4px 4px rgb(185, 151,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6619, 0.3213, 0.2930 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, 178) }
```

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

```
.background{ background-color: rgb(185,  
151, 178) }
```

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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