

Converting Colors

$Y_{xy}(33.9069, 0.3078, 0.2690)$

Have a look what the booklet for
Yxy(33.9069, 0.3078, 0.2690)
contains.

Yxy(33.9136, 0.3076, 0.2695)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(33.9136, 0.3076, 0.2695)

Conversions

Conversions Part 1

Format	Color
Hex	B691BE
RGB	182, 145, 190
RGB Percent	71%, 57%, 75%
CMY	0.2863, 0.4313, 0.2549
CMYK	0.04, 0.24, 0.00, 0.25
HSL	289°, 26%, 66%
HSV	289°, 24%, 75%
XYZ	38.7081, 33.9136, 53.2173
YIQ	161.1930, 7.6070, 21.8390

Conversions

Conversions Part 2

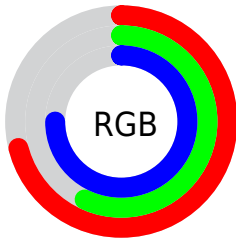
Format	Color
RYB	182, 145, 190
Decimal	11964862
CIELab	64.89, 21.94, -18.07
CIELCh	65, 28.419, 320.521
Yxy	33.9136, 0.3076, 0.2695
Android (android.graphics.Color)	4290154942 (0xFFB691BE)
YUV	161.1930, 14.2019, 18.2477
Hunter-Lab	58.2354, 16.7340, -13.4163

Details

The Yxy color **33.9136, 0.3076, 0.2695** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.6431, 0.3161, 0.3936**, and the grayscale version is **35.6654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6778, 0.3090, 0.2806**, and **14.4787, 0.3051, 0.2514** is the 20% darker color. If you saturate the color by 10%, you get **28.1788, 0.3046, 0.2435**, and if you desaturate by 10%, it is **40.6323, 0.3101, 0.2953**.

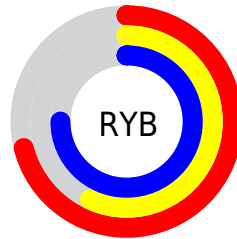
Distribution



Red (71%)

Green (57%)

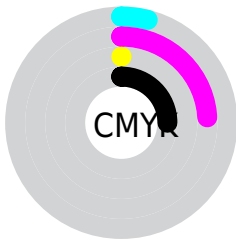
Blue (75%)



Red (71%)

Yellow (57%)

Blue (75%)

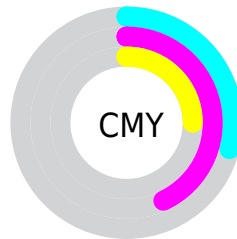


Cyan (4%)

Magenta (24%)

Yellow (0%)

Black (25%)



Cyan (29%)


Magenta (43%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9136, 0.3076, 0.2695 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 33.9136, 0.3076, 0.2695 by changing the saturation by 10% instead.


 33.9136, 0.3076,
0.2695


 33.9136, 0.3076,
0.2695


319.7466, 0.3108,
0.2994

 22.8272, 0.3066,
0.2620


 65.7993, 0.3089,
0.2804

 14.4660, 0.3052,
0.2524


 87.3674, 0.3094,
0.2845

 8.4455, 0.3030,
0.2395


113.1982, 0.3097,
0.2879

 4.3813, 0.2996,
0.2217

143.6761, 0.3100,
0.2909

 1.8891, 0.2935,
0.1954

179.1855, 0.3103,
0.2935

 0.5418, 0.2838,
0.1439

220.1108, 0.3105,

 0.0000, 0.0000,

0.2957

0.0000

266.8364, 0.3106,
0.2977

■ 33.9136, 0.3076,
0.2695

■ 33.9136, 0.3076,
0.2695

■ 28.1788, 0.3046,
0.2435

■ 40.6323, 0.3101,
0.2953

■ 23.3752, 0.3012,
0.2181

■ 48.3753, 0.3121,
0.3202

■ 19.4517, 0.2973,
0.1943

■ 57.1865, 0.3137,
0.3437

■ 16.3507, 0.2930,
0.1732

■ 67.1055, 0.3149,
0.3657

■ 14.0076, 0.2885,
0.1556

■ 78.1702, 0.3158,
0.3859

■ 12.3478, 0.2838,
0.1423

■ 87.8329, 0.3168,
0.4005

■ 11.2818, 0.2791,
0.1335

■ 88.3107, 0.3189,
0.4000

■ 10.8030, 0.2762,
0.1295

■ 88.7989, 0.3211,
0.3995

■ 89.2976, 0.3232,
0.3991

Harmonies

Analogous

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



33.9136, 0.2671, 0.2582



33.9136, 0.3076, 0.2695



33.9136, 0.3525, 0.2940

Triad

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



33.9136, 0.3076, 0.2695



33.9136, 0.3888, 0.3930



33.9136, 0.2425, 0.3238

Complementary

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



33.9136, 0.3076, 0.2695



45.6431, 0.3161, 0.3936

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.



33.9136, 0.2716, 0.3674



33.9136, 0.3076, 0.2695



33.9136, 0.3559, 0.4085

Square

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



33.9136, 0.3076, 0.2695



33.9136, 0.4011, 0.3626



33.9136, 0.3128, 0.4000



33.9136, 0.2316, 0.2859

Rectangle

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



33.9136, 0.3076, 0.2695



33.9136, 0.3779, 0.3155



33.9136, 0.3128, 0.4000



33.9136, 0.2504, 0.3384

Sweetspot

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



33.9151, 0.3076, 0.2695



82.6315, 0.3114, 0.3117



32.6051, 0.2739, 0.2756



17.9539, 0.3113, 0.3102



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



33.9151, 0.3076, 0.2695



56.2804, 0.3062, 0.2571



34.3251, 0.3292, 0.2884



9.6081, 0.3110, 0.3062



7.2147, 0.2768, 0.1298



0.3055, 0.2880, 0.1360

Inverse Universe

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



33.5009, 0.3525, 0.3182



55.4513, 0.3633, 0.3159



45.3573, 0.2994, 0.3734



9.5634, 0.3261, 0.3249



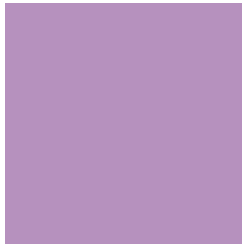
7.3638, 0.6107, 0.3138



0.2971, 0.5484, 0.2795

Previews

White Background



This preview shows how the Yxy color 33.9136, 0.3076, 0.2695 looks on a white background.

Color Contrast Check

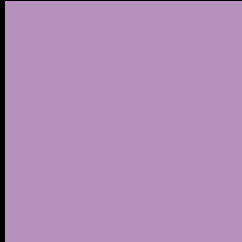
Large Text (above 18pt) WCAG AA × Fail

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 33.9136, 0.3076, 0.2695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

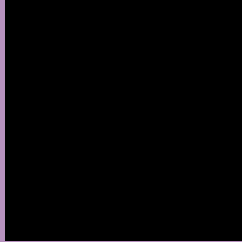
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9136, 0.3076, 0.2695

Background



This preview shows how black text looks on a background with the Yxy color 33.9136, 0.3076, 0.2695.



This preview shows how white text looks on a background with the Yxy color 33.9136, 0.3076, 0.2695.

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

33.9136, 0.3076, 0.2695

Protanopia

34.1501, 0.2708, 0.2696

Deuteranopia

34.0111, 0.2869, 0.2810



Tritanopia

33.8863, 0.3298, 0.3123

Trichromacy



Original Color

33.9136, 0.3076, 0.2695

Protanomaly

33.8702, 0.2829, 0.2694

Deuteranomaly

34.0228, 0.2942, 0.2766

Tritanomaly

33.7421, 0.3213, 0.2960

Monochromacy



Original Color

33.9136, 0.3076, 0.2695

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.8563, 0.3109, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9136, 0.3076, 0.2695 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, 145, 190)` looks like.

```
.text, #text, p{  
    color:rgb(182, 145, 190)  
}
```

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, 145, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 145, 190) }
```

Border

The CSS property to change the border of an element to Yxy 33.9136, 0.3076, 0.2695 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, 145, 190) }
```

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

```
.border{ border-color:rgb(182, 145, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 145, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 145, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 145, 190);  
box-shadow:4px 4px 4px 4px rgb(182, 145,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9136, 0.3076, 0.2695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 145, 190) }
```

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

```
.background{ background-color: rgb(182,  
145, 190) }
```

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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