

Converting Colors

$Y_{xy}(33.7014, 0.3177, 0.2591)$

Have a look what the booklet for
Yxy(33.7014, 0.3177, 0.2591)
contains.

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Color

Yxy(33.6293, 0.3180, 0.2594)

Conversions

Conversions Part 1

Format	Color
Hex	C38AC1
RGB	195, 138, 193
RGB Percent	76%, 54%, 76%
CMY	0.2352, 0.4589, 0.2430
CMYK	0.00, 0.29, 0.01, 0.24
HSL	302°, 32%, 65%
HSV	302°, 29%, 76%
XYZ	41.2264, 33.6293, 54.7870
YIQ	161.3130, 16.3170, 29.1890

Conversions

Conversions Part 2

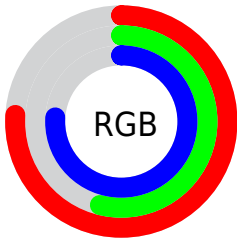
Format	Color
R_{YB}	195, 138, 193
Decimal	12815041
CIE _{Lab}	64.67, 30.78, -19.99
CIE _{LCh}	65, 36.705, 326.995
Yxy	33.6293, 0.3180, 0.2594
Android (android.graphics.Color)	4291005121 (0xFFC38AC1)
YUV	161.3130, 15.6217, 29.5435
Hunter-Lab	57.9908, 25.4140, -15.4209

Details

The Yxy color **33.6293, 0.3180, 0.2594** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.3356, 0.3074, 0.4101**, and the grayscale version is **35.7154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2968, 0.3169, 0.2714**, and **14.2559, 0.3183, 0.2403** is the 20% darker color. If you saturate the color by 10%, you get **28.4984, 0.3200, 0.2362**, and if you desaturate by 10%, it is **39.7680, 0.3161, 0.2834**.

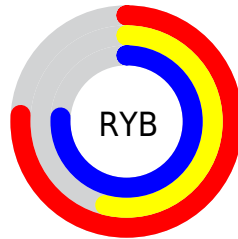
Distribution



Red (76%)

Green (54%)

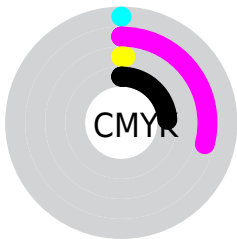
Blue (76%)



Red (76%)

Yellow (54%)

Blue (76%)

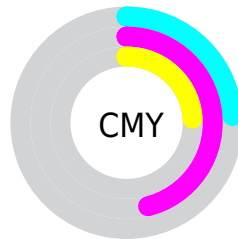


Cyan (0%)

Magenta (29%)

Yellow (1%)

Black (24%)



Cyan (24%)


Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.6293, 0.3180, 0.2594 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 33.6293, 0.3180, 0.2594 by changing the saturation by 10% instead.


 33.6293, 0.3180,
0.2594

 33.6293, 0.3180,
0.2594


318.4759, 0.3160,
0.2940

 22.6090, 0.3183,
0.2509


 65.3568, 0.3174,
0.2719

 14.3050, 0.3185,
0.2400


 86.8327, 0.3172,
0.2766

 8.3331, 0.3185,
0.2256


 112.5626, 0.3170,
0.2806

 4.3088, 0.3181,
0.2060

142.9310, 0.3167,
0.2841

 1.8478, 0.3163,
0.1776

178.3220, 0.3165,
0.2871

 0.5167, 0.3141,
0.1239

219.1203, 0.3164,

 0.0000, 0.2013,

0.2897

0.0000

265.7101, 0.3162,
0.2920

0.0000, 0.0000,
0.0000

33.6293, 0.3180,
0.2594

33.6293, 0.3180,
0.2594

28.4984, 0.3200,
0.2362

39.7680, 0.3161,
0.2834

24.3170, 0.3219,
0.2148

46.9599, 0.3143,
0.3074

21.0280, 0.3239,
0.1960


55.2529, 0.3126,
0.3307


18.5658, 0.3257,
0.1807


64.6907, 0.3111,
0.3530


16.8563, 0.3272,
0.1695


75.3147, 0.3097,
0.3739

 15.8121, 0.3286,
0.1626

 87.1617, 0.3084,
0.3933

 15.2791, 0.3298,
0.1593

 87.1930, 0.3081,
0.3925

 15.2449, 0.3299,
0.1591

 87.2245, 0.3077,
0.3917

 87.2562, 0.3073,
0.3909

Harmonies

Analogous

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



33.6293, 0.2638, 0.2412



33.6293, 0.3180, 0.2594



33.6293, 0.3756, 0.2925

Triad

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



33.6293, 0.3180, 0.2594



33.6293, 0.4024, 0.4165



33.6293, 0.2184, 0.3091

Complementary

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



33.6293, 0.3180, 0.2594



46.3356, 0.3074, 0.4101

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.



33.6293, 0.2497, 0.3670



33.6293, 0.3180, 0.2594



33.6293, 0.3555, 0.4334

Square

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



33.6293, 0.3180, 0.2594



33.6293, 0.4261, 0.3791



33.6293, 0.2995, 0.4161



33.6293, 0.2106, 0.2646

Rectangle

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



33.6293, 0.3180, 0.2594



33.6293, 0.4060, 0.3201



33.6293, 0.2995, 0.4161



33.6293, 0.2264, 0.3277

Sweetspot

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



33.6308, 0.3180, 0.2594



84.2292, 0.3143, 0.3076



27.6813, 0.2635, 0.2453



17.9996, 0.3145, 0.3041



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.



33.6308, 0.3180, 0.2594



54.2258, 0.3192, 0.2447



32.4815, 0.3471, 0.2940



10.2412, 0.3143, 0.3071



9.9085, 0.3297, 0.1590



0.4301, 0.3276, 0.1578

Inverse Universe

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



33.6308, 0.3180, 0.2594



54.2258, 0.3192, 0.2447



47.2850, 0.2881, 0.3671



10.2412, 0.3143, 0.3071



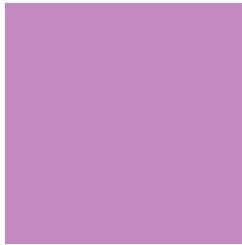
9.9085, 0.3297, 0.1590



0.4301, 0.3276, 0.1578

Previews

White Background



This preview shows how the Yxy color 33.6293, 0.3180, 0.2594 looks on a white background.

Color Contrast Check

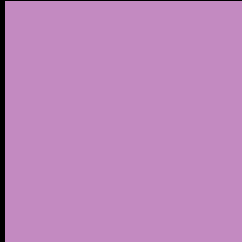
Large Text (above 18pt) WCAG AA × Fail

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 33.6293, 0.3180, 0.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

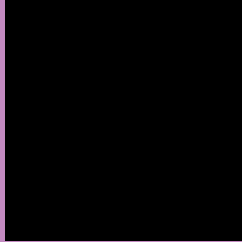
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6293, 0.3180, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 33.6293, 0.3180, 0.2594.



This preview shows how white text looks on a background with the Yxy color 33.6293, 0.3180, 0.2594.

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

33.6293, 0.3180, 0.2594

Protanopia

33.7798, 0.2624, 0.2589

Deuteranopia

33.8968, 0.2835, 0.2781



Tritanopia

33.5982, 0.3494, 0.3142

Trichromacy



Original Color

33.6293, 0.3180, 0.2594

Protanomaly

33.4985, 0.2806, 0.2583

Deuteranomaly

33.4874, 0.2952, 0.2703

Tritanomaly

33.4170, 0.3385, 0.2933

Monochromacy



Original Color

33.6293, 0.3180, 0.2594

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.6838, 0.3140, 0.3011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6293, 0.3180, 0.2594 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(195, 138, 193)` looks like.

```
.text, #text, p{  
    color:rgb(195, 138, 193)  
}
```

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(195, 138, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 138, 193) }
```

Border

The CSS property to change the border of an element to Yxy 33.6293, 0.3180, 0.2594 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(195, 138, 193) }
```

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

```
.border{ border-color:rgb(195, 138, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 138, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 138, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 138, 193);  
box-shadow:4px 4px 4px 4px rgb(195, 138,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6293, 0.3180, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 138, 193) }
```

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

```
.background{ background-color: rgb(195,  
138, 193) }
```

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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