

Converting Colors

$Y_{xy}(32.6468, 0.3356, 0.2787)$

Have a look what the booklet for
Yxy(32.6468, 0.3356, 0.2787)
contains.

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Color

Yxy(32.6280, 0.3352, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	C389B0
RGB	195, 137, 176
RGB Percent	76%, 54%, 69%
CMY	0.2353, 0.4627, 0.3099
CMYK	0.00, 0.30, 0.10, 0.24
HSL	320°, 33%, 65%
HSV	320°, 30%, 76%
XYZ	39.2849, 32.6280, 45.2854
YIQ	158.7880, 22.0490, 24.4250

Conversions

Conversions Part 2

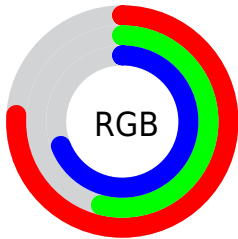
Format	Color
R_{YB}	195, 137, 176
Decimal	12814768
CIE _{Lab}	63.86, 28.23, -11.60
CIE _{LCh}	64, 30.521, 337.658
Yxy	32.6280, 0.3352, 0.2784
Android (android.graphics.Color)	4291004848 (0xFFC389B0)
YUV	158.7880, 8.4855, 31.7579
Hunter-Lab	57.1209, 22.8016, -7.0204

Details

The Yxy color **32.6280, 0.3352, 0.2784** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.7503, 0.2957, 0.3858**, and the grayscale version is **34.5225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7832, 0.3305, 0.2874**, and **13.6611, 0.3419, 0.2636** is the 20% darker color. If you saturate the color by 10%, you get **27.3298, 0.3453, 0.2611**, and if you desaturate by 10%, it is **38.9430, 0.3264, 0.2959**.

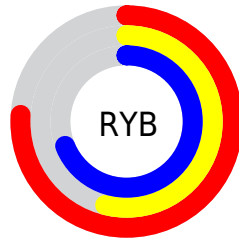
Distribution



Red (76%)

Green (54%)

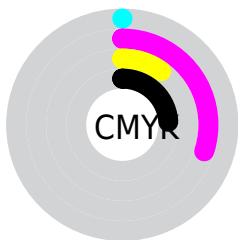
Blue (69%)



Red (76%)

Yellow (54%)

Blue (69%)

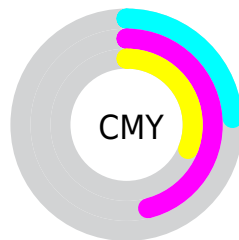


Cyan (0%)

Magenta (30%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (46%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6280, 0.3352, 0.2784 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 32.6280, 0.3352, 0.2784 by changing the saturation by 10% instead.

 32.6280, 0.3352,
0.2784


 32.6280, 0.3352,
0.2784


313.9701, 0.3238,
0.3041

 21.8416, 0.3381,
0.2719


 63.7943, 0.3310,
0.2878

 13.7406, 0.3418,
0.2634


 84.9430, 0.3295,
0.2914

 7.9405, 0.3468,
0.2520


 110.3147, 0.3282,
0.2943

 4.0569, 0.3539,
0.2359

140.2936, 0.3270,
0.2969

 1.7054, 0.3646,
0.2116

175.2642, 0.3261,
0.2990

 0.4272, 0.3921,
0.1494

215.6109, 0.3252,

 0.0000, 0.3772,

0.3010

0.0000

261.7181, 0.3245,
0.3026

0.0000, 0.0000,
0.0000

32.6280, 0.3352,
0.2784

32.6280, 0.3352,
0.2784

27.3298, 0.3453,
0.2611

38.9430, 0.3264,
0.2959

22.9897, 0.3568,
0.2449

46.3204, 0.3189,
0.3130

19.5501, 0.3695,
0.2305

54.8085, 0.3126,
0.3294

16.9450, 0.3831,
0.2193

64.4513, 0.3072,
0.3449

15.0996, 0.3973,
0.2121

75.2902, 0.3028,
0.3592

■ 13.9253, 0.4115,
0.2098

■ 87.3649, 0.2990,
0.3725

■ 13.2565, 0.4255,
0.2119

■ 88.3296, 0.2956,
0.3663

■ 13.2409, 0.4258,
0.2119

■ 88.6768, 0.2922,
0.3591

■ 89.0371, 0.2888,
0.3520

Harmonies

Analogous

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



32.6280, 0.2868, 0.2576



32.6280, 0.3352, 0.2784



32.6280, 0.3802, 0.3107

Triad

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



32.6280, 0.3352, 0.2784



32.6280, 0.3767, 0.4108



32.6280, 0.2275, 0.2978

Complementary

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



32.6280, 0.3352, 0.2784



46.7503, 0.2957, 0.3858

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.



32.6280, 0.2479, 0.3437



32.6280, 0.3352, 0.2784



32.6280, 0.3331, 0.4142

Square

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



32.6280, 0.3352, 0.2784



32.6280, 0.4043, 0.3851



32.6280, 0.2859, 0.3889



32.6280, 0.2279, 0.2658

Rectangle

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



32.6280, 0.3352, 0.2784



32.6280, 0.4003, 0.3357



32.6280, 0.2859, 0.3889



32.6280, 0.2321, 0.3121

Sweetspot

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



32.6295, 0.3352, 0.2784



83.8150, 0.3185, 0.3140



28.8398, 0.2775, 0.2471



17.8945, 0.3195, 0.3115



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.



32.6295, 0.3352, 0.2784



51.7759, 0.3420, 0.2666



31.6229, 0.3661, 0.3149



10.1895, 0.3187, 0.3136



8.6220, 0.4240, 0.2110



0.3848, 0.3956, 0.1953

Inverse Universe

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



32.6295, 0.3352, 0.2784



51.7759, 0.3420, 0.2666



47.8248, 0.2769, 0.3438



10.1895, 0.3187, 0.3136



8.6220, 0.4240, 0.2110



0.3848, 0.3956, 0.1953

Previews

White Background



This preview shows how the Yxy color 32.6280, 0.3352, 0.2784 looks on a white background.

Color Contrast Check

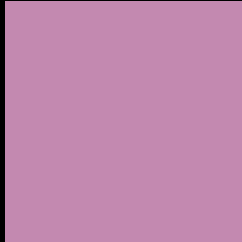
Large Text (above 18pt) WCAG AA × Fail

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 32.6280, 0.3352, 0.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

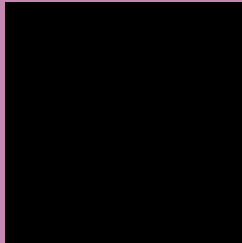
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6280, 0.3352, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 32.6280, 0.3352, 0.2784.



This preview shows how white text looks on a background with the Yxy color 32.6280, 0.3352, 0.2784.

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

32.6280, 0.3352, 0.2784

Protanopia

32.9950, 0.2789, 0.2811

Deuteranopia

32.8317, 0.3034, 0.2973



Tritanopia

32.5232, 0.3568, 0.3143

Trichromacy



Original Color

32.6280, 0.3352, 0.2784

Protanomaly

32.5980, 0.2974, 0.2798

Deuteranomaly

32.6124, 0.3145, 0.2900

Tritanomaly

32.6668, 0.3484, 0.3011

Monochromacy



Original Color

32.6280, 0.3352, 0.2784

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.6205, 0.3207, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6280, 0.3352, 0.2784 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, 137, 176)` looks like.

```
.text, #text, p{  
    color:rgb(195, 137, 176)  
}
```

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, 137, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 137, 176) }
```

Border

The CSS property to change the border of an element to Yxy 32.6280, 0.3352, 0.2784 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, 137, 176) }
```

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

```
.border{ border-color:rgb(195, 137, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 137, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 137, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 137, 176);  
box-shadow:4px 4px 4px 4px rgb(195, 137,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6280, 0.3352, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 137, 176) }
```

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

```
.background{ background-color: rgb(195,  
137, 176) }
```

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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