

Converting Colors

$Y_{xy}(32.8916, 0.3188, 0.2817)$

Have a look what the booklet for
Yxy(32.8916, 0.3188, 0.2817)
contains.

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Color

Yxy(32.8044, 0.3190, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	B68FB2
RGB	182, 143, 178
RGB Percent	71%, 56%, 70%
CMY	0.2863, 0.4392, 0.3019
CMYK	0.00, 0.21, 0.02, 0.29
HSL	306°, 21%, 64%
HSV	306°, 21%, 71%
XYZ	37.1480, 32.8044, 46.4991
YIQ	158.6510, 12.0090, 19.1530

Conversions

Conversions Part 2

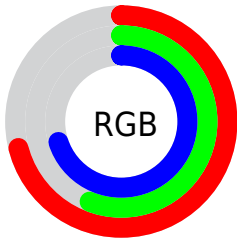
Format	Color
RYB	182, 143, 178
Decimal	11964338
CIELab	64.00, 20.73, -12.68
CIELCh	64, 24.300, 328.556
Yxy	32.8044, 0.3190, 0.2817
Android (android.graphics.Color)	4290154418 (0xFFB68FB2)
YUV	158.6510, 9.5391, 20.4771
Hunter-Lab	57.2751, 15.5417, -8.0423

Details

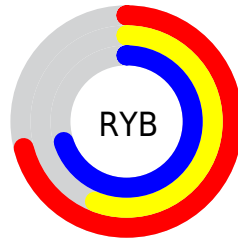
The Yxy color **32.8044, 0.3190, 0.2817** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.3968, 0.3070, 0.3814**, and the grayscale version is **34.4556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0502, 0.3176, 0.2903**, and **13.8021, 0.3215, 0.2676** is the 20% darker color. If you saturate the color by 10%, you get **27.7034, 0.3224, 0.2593**, and if you desaturate by 10%, it is **38.7956, 0.3159, 0.3041**.

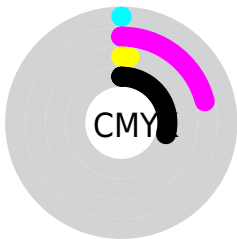
Distribution



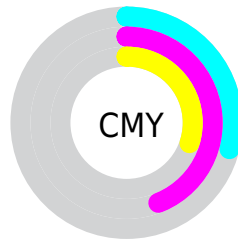
- Red (71%)
- Green (56%)
- Blue (70%)



- Red (71%)
- Yellow (56%)
- Blue (70%)



- Cyan (0%)
- Magenta (21%)
- Yellow (2%)
- Black (29%)





- Cyan (29%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8044, 0.3190, 0.2817 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 32.8044, 0.3190, 0.2817 by changing the saturation by 10% instead.


 32.8044, 0.3190,
0.2817


 32.8044, 0.3190,
0.2817


314.7674, 0.3161,
0.3058

 21.9766, 0.3197,
0.2755


 64.0700, 0.3180,
0.2906

 13.8397, 0.3205,
0.2675


 85.2767, 0.3176,
0.2939

 8.0093, 0.3214,
0.2567


110.7118, 0.3172,
0.2967

 4.1009, 0.3226,
0.2414

140.7597, 0.3169,
0.2990

 1.7302, 0.3237,
0.2180

175.8048, 0.3167,
0.3011

 0.4431, 0.3321,
0.1582

216.2316, 0.3165,

 0.0000, 0.0000,

0.3029

0.0000

262.4243, 0.3162,
0.3044

■ 32.8044, 0.3190,
0.2817

■ 32.8044, 0.3190,
0.2817

■ 27.7034, 0.3224,
0.2593

■ 38.7956, 0.3159,
0.3041

■ 23.4457, 0.3262,
0.2377

■ 45.7126, 0.3131,
0.3260

■ 19.9865, 0.3301,
0.2177

■ 53.5942, 0.3106,
0.3468

■ 17.2752, 0.3341,
0.2004

■ 62.4757, 0.3085,
0.3664

■ 15.2553, 0.3381,
0.1865

■ 72.3906, 0.3066,
0.3846

■ 13.8625, 0.3419,
0.1767

■ 83.3709, 0.3050,
0.4014

■ 13.0202, 0.3455,
0.1713

■ 85.2251, 0.3040,
0.4020

■ 12.6031, 0.3484,
0.1693

■ 85.3073, 0.3030,
0.3998

■ 85.3906, 0.3020,
0.3976

Harmonies

Analogous

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



32.8044, 0.2817, 0.2684



32.8044, 0.3190, 0.2817



32.8044, 0.3566, 0.3059

Triad

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



32.8044, 0.3190, 0.2817



32.8044, 0.3726, 0.3899



32.8044, 0.2473, 0.3152

Complementary

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



32.8044, 0.3190, 0.2817



41.3968, 0.3070, 0.3814

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.



32.8044, 0.2690, 0.3524



32.8044, 0.3190, 0.2817



32.8044, 0.3410, 0.3976

Square

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



32.8044, 0.3190, 0.2817



32.8044, 0.3884, 0.3667



32.8044, 0.3030, 0.3839



32.8044, 0.2422, 0.2852

Rectangle

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



32.8044, 0.3190, 0.2817



32.8044, 0.3759, 0.3258



32.8044, 0.3030, 0.3839



32.8044, 0.2529, 0.3273

Sweetspot

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



32.8058, 0.3190, 0.2817



76.8021, 0.3143, 0.3158



29.2188, 0.2809, 0.2711



16.7838, 0.3145, 0.3144



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.



32.8058, 0.3190, 0.2817



54.6435, 0.3207, 0.2704



32.0804, 0.3386, 0.3074



9.1465, 0.3153, 0.3087



8.9074, 0.3480, 0.1691



0.3186, 0.3402, 0.1648

Inverse Universe

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



32.8058, 0.3190, 0.2817



54.6435, 0.3207, 0.2704



42.0585, 0.2925, 0.3517



9.1465, 0.3153, 0.3087



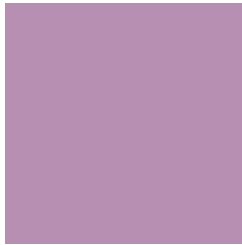
8.9074, 0.3480, 0.1691



0.3186, 0.3402, 0.1648

Previews

White Background



This preview shows how the Yxy color 32.8044, 0.3190, 0.2817 looks on a white background.

Color Contrast Check

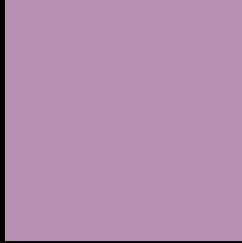
Large Text (above 18pt) WCAG AA × Fail

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 32.8044, 0.3190, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

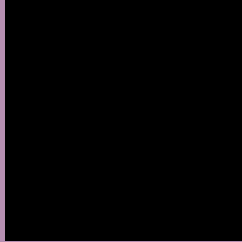
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8044, 0.3190, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 32.8044, 0.3190, 0.2817.



This preview shows how white text looks on a background with the Yxy color 32.8044, 0.3190, 0.2817.

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

32.8044, 0.3190, 0.2817

Protanopia

33.0035, 0.2813, 0.2839

Deuteranopia

32.7414, 0.2988, 0.2929



Tritanopia

32.9198, 0.3353, 0.3136

Trichromacy



Original Color

32.8044, 0.3190, 0.2817

Protanomaly

32.7672, 0.2945, 0.2835

Deuteranomaly

32.6790, 0.3057, 0.2881

Tritanomaly

32.9777, 0.3295, 0.3027

Monochromacy



Original Color

32.8044, 0.3190, 0.2817

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.7511, 0.3146, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8044, 0.3190, 0.2817 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, 143, 178)` looks like.

```
.text, #text, p{  
    color:rgb(182, 143, 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(182, 143, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 143, 178) }
```

Border

The CSS property to change the border of an element to Yxy 32.8044, 0.3190, 0.2817 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, 143, 178) }
```

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

```
.border{ border-color:rgb(182, 143, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 143, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 143, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 143, 178);  
box-shadow:4px 4px 4px 4px rgb(182, 143,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8044, 0.3190, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 143, 178) }
```

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

```
.background{ background-color: rgb(182,  
143, 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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