

Converting Colors

$Y_{xy}(32.0850, 0.3152, 0.2778)$

Have a look what the booklet for
Yxy(32.0850, 0.3152, 0.2778)
contains.

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Color

Yxy(32.1844, 0.3151, 0.2786)

Conversions

Conversions Part 1

Format	Color
Hex	B38EB3
RGB	179, 142, 179
RGB Percent	70%, 56%, 70%
CMY	0.2980, 0.4431, 0.2981
CMYK	0.00, 0.21, 0.00, 0.30
HSL	300°, 20%, 63%
HSV	300°, 21%, 70%
XYZ	36.4009, 32.1844, 46.9365
YIQ	157.2810, 10.1750, 19.3510

Conversions

Conversions Part 2

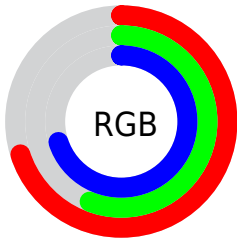
Format	Color
R_{YB}	179, 142, 179
Decimal	11767475
CIE _{Lab}	63.49, 20.45, -14.02
CIE _{LCh}	63, 24.796, 325.564
Yxy	32.1844, 0.3151, 0.2786
Android (android.graphics.Color)	4289957555 (0xFFB38EB3)
YUV	157.2810, 10.7075, 19.0476
Hunter-Lab	56.7313, 15.2526, -9.3416

Details

The Yxy color **32.1844, 0.3151, 0.2786** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.9490, 0.3101, 0.3851**, and the grayscale version is **33.7984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1402, 0.3146, 0.2879**, and **13.4241, 0.3158, 0.2631** is the 20% darker color. If you saturate the color by 10%, you get **27.2795, 0.3163, 0.2541**, and if you desaturate by 10%, it is **37.9476, 0.3139, 0.3033**.

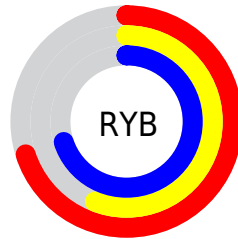
Distribution



Red (70%)

Green (56%)

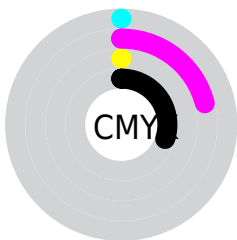
Blue (70%)



Red (70%)

Yellow (56%)

Blue (70%)

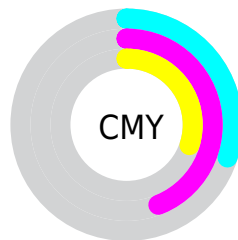


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (30%)



Cyan (30%)


Magenta (44%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1844, 0.3151, 0.2786 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 32.1844, 0.3151, 0.2786 by changing the saturation by 10% instead.


 32.1844, 0.3151,
0.2786


 32.1844, 0.3151,
0.2786


311.9584, 0.3142,
0.3043


 21.5024, 0.3152,
0.2720


 63.1001, 0.3149,
0.2881

 13.4917, 0.3152,
0.2635


 84.1025, 0.3148,
0.2916

 7.7680, 0.3151,
0.2519


 109.3139, 0.3147,
0.2946

 3.9469, 0.3147,
0.2356

139.1185, 0.3146,
0.2971

 1.6439, 0.3132,
0.2106

173.9009, 0.3145,
0.2993

 0.3869, 0.3182,
0.1420

214.0455, 0.3144,

 0.0000, 0.0000,

0.3012

0.0000

259.9365, 0.3143,
0.3029

■ 32.1844, 0.3151,
0.2786

■ 32.1844, 0.3151,
0.2786

■ 27.2795, 0.3163,
0.2541

■ 37.9476, 0.3139,
0.3033

■ 23.1878, 0.3174,
0.2307

■ 44.6028, 0.3128,
0.3274

■ 19.8667, 0.3184,
0.2092


■ 52.1872, 0.3117,
0.3505


■ 17.2680, 0.3193,
0.1905


■ 60.7347, 0.3107,
0.3723


■ 15.3380, 0.3200,
0.1755


■ 70.2772, 0.3097,
0.3925

 14.0155, 0.3205,
0.1645

 80.8454, 0.3088,
0.4111

 13.2282, 0.3209,
0.1577

 84.3619, 0.3086,
0.4166

 12.8363, 0.3210,
0.1542

 84.3623, 0.3086,
0.4165

 84.3626, 0.3086,
0.4165

Harmonies

Analogous

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



32.1844, 0.2775, 0.2662



32.1844, 0.3151, 0.2786



32.1844, 0.3543, 0.3024

Triad

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



32.1844, 0.3151, 0.2786



32.1844, 0.3767, 0.3897



32.1844, 0.2472, 0.3184

Complementary

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



32.1844, 0.3151, 0.2786



39.9490, 0.3101, 0.3851

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.



32.1844, 0.2709, 0.3568



32.1844, 0.3151, 0.2786



32.1844, 0.3454, 0.3997

Square

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



32.1844, 0.3151, 0.2786



32.1844, 0.3909, 0.3646



32.1844, 0.3065, 0.3879



32.1844, 0.2402, 0.2864

Rectangle

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



32.1844, 0.3151, 0.2786



32.1844, 0.3751, 0.3224



32.1844, 0.3065, 0.3879



32.1844, 0.2533, 0.3311

Sweetspot

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



32.1858, 0.3151, 0.2786



73.2015, 0.3134, 0.3144



28.3525, 0.2787, 0.2728



16.0503, 0.3135, 0.3128



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



32.1858, 0.3151, 0.2786



53.2781, 0.3157, 0.2669



31.4873, 0.3336, 0.3031



8.6467, 0.3138, 0.3066



9.0696, 0.3210, 0.1542



0.2854, 0.3210, 0.1542

Inverse Universe

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



32.1858, 0.3151, 0.2786



53.2781, 0.3157, 0.2669



40.5512, 0.2959, 0.3565



8.6467, 0.3138, 0.3066



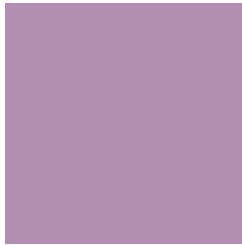
9.0696, 0.3210, 0.1542



0.2854, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 32.1844, 0.3151, 0.2786 looks on a white background.

Color Contrast Check

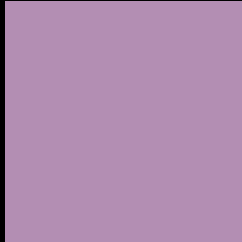
Large Text (above 18pt) WCAG AA × Fail

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 32.1844, 0.3151, 0.2786 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 32.1844, 0.3151, 0.2786

Background



This preview shows how black text looks on a background with the Yxy color 32.1844, 0.3151, 0.2786.



This preview shows how white text looks on a background with the Yxy color 32.1844, 0.3151, 0.2786.

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

32.1844, 0.3151, 0.2786

Protanopia

32.5307, 0.2787, 0.2808

Deuteranopia

32.2561, 0.2960, 0.2899



Tritanopia

32.2222, 0.3333, 0.3134

Trichromacy



Original Color

32.1844, 0.3151, 0.2786

Protanomaly

32.2847, 0.2918, 0.2804

Deuteranomaly

32.1888, 0.3028, 0.2851

Tritanomaly

32.3145, 0.3265, 0.3010

Monochromacy



Original Color

32.1844, 0.3151, 0.2786

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.1724, 0.3136, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1844, 0.3151, 0.2786 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(179, 142, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 142, 179)  
}
```

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(179, 142, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 142, 179) }
```

Border

The CSS property to change the border of an element to Yxy 32.1844, 0.3151, 0.2786 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(179, 142, 179) }
```

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

```
.border{ border-color:rgb(179, 142, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 142, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 142, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 142, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 142,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1844, 0.3151, 0.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 142, 179) }
```

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

```
.background{ background-color: rgb(179,  
142, 179) }
```

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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