

Converting Colors

$Y_{xy}(32.9754, 0.3781, 0.3547)$

Have a look what the booklet for
Yxy(32.9754, 0.3781, 0.3547)
contains.

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Color

Yxy(32.9351, 0.3780, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	BD9280
RGB	189, 146, 128
RGB Percent	74%, 57%, 50%
CMY	0.2589, 0.4274, 0.4981
CMYK	0.00, 0.23, 0.32, 0.26
HSL	18°, 32%, 62%
HSV	18°, 32%, 74%
XYZ	35.1581, 32.9351, 24.9176
YIQ	156.8050, 31.4060, 3.5180

Conversions

Conversions Part 2

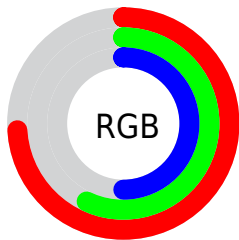
Format	Color
RYB	189, 154, 128
Decimal	12423808
CIELab	64.11, 13.63, 15.78
CIELCh	64, 20.852, 49.196
Yxy	32.9351, 0.3780, 0.3541
Android (android.graphics.Color)	4290613888 (0xFFBD9280)
YUV	156.8050, -14.2009, 28.2350
Hunter-Lab	57.3891, 8.9228, 14.4295

Details

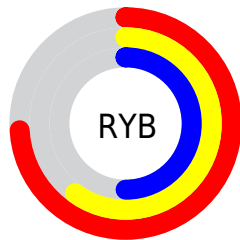
The Yxy color **32.9351, 0.3780, 0.3541** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3693, 0.2640, 0.3023**, and the grayscale version is **33.6790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2376, 0.3645, 0.3495**, and **13.8173, 0.3993, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **28.6160, 0.4061, 0.3621**, and if you desaturate by 10%, it is **37.8279, 0.3539, 0.3460**.

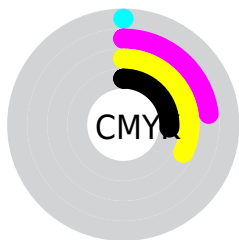
Distribution



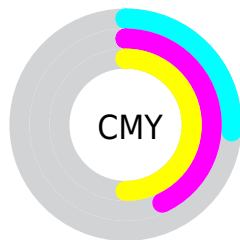
- Red (74%)
- Green (57%)
- Blue (50%)



- Red (74%)
- Yellow (60%)
- Blue (50%)



- Cyan (0%)
- Magenta (23%)
- Yellow (32%)
- Black (26%)





- Cyan (26%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9351, 0.3780, 0.3541 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 32.9351, 0.3780, 0.3541 by changing the saturation by 10% instead.


 32.9351, 0.3780,
0.3541


 32.9351, 0.3780,
0.3541


315.3572, 0.3432,
0.3417

 22.0767, 0.3874,
0.3571


 64.2742, 0.3648,
0.3497

 13.9133, 0.3999,
0.3608


 85.5237, 0.3600,
0.3480

 8.0604, 0.4173,
0.3654

 111.0057, 0.3561,
0.3465

 4.1336, 0.4430,
0.3712

141.1046, 0.3527,
0.3453

 1.7486, 0.4887,
0.3811

176.2048, 0.3498,
0.3442

 0.4548, 0.6271,
0.3729

216.6907, 0.3473,

 0.0000, 0.0000,

0.3433

0.0000

262.9467, 0.3451,
0.3424

■ 32.9351, 0.3780,
0.3541

■ 32.9351, 0.3780,
0.3541

■ 28.6160, 0.4061,
0.3621

■ 37.8279, 0.3539,
0.3460

■ 24.8446, 0.4382,
0.3693

■ 43.3102, 0.3335,
0.3381

■ 21.5994, 0.4736,
0.3748

■ 49.4026, 0.3163,
0.3306

■ 18.8558, 0.5106,
0.3775

■ 56.1237, 0.3017,
0.3237

■ 16.5870, 0.5465,
0.3762

■ 63.4909, 0.2895,
0.3174

■ 14.7632, 0.5776,
0.3704

■ 71.5211, 0.2792,
0.3116

■ 13.6327, 0.5975,
0.3638

■ 79.8866, 0.2731,
0.3118

■ 87.9794, 0.2744,
0.3262

■ 89.5574, 0.2747,
0.3289

Harmonies

Analogous

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



32.9351, 0.3672, 0.3271



32.9351, 0.3780, 0.3541



32.9351, 0.3702, 0.3765

Triad

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



32.9351, 0.3780, 0.3541



32.9351, 0.2836, 0.3584



32.9351, 0.2776, 0.2753

Complementary

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



32.9351, 0.3780, 0.3541



37.3693, 0.2640, 0.3023

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.



32.9351, 0.2575, 0.2803



32.9351, 0.3780, 0.3541



32.9351, 0.2608, 0.3272

Square

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



32.9351, 0.3780, 0.3541



32.9351, 0.3149, 0.3812



32.9351, 0.2515, 0.2986



32.9351, 0.3078, 0.2832

Rectangle

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



32.9351, 0.3780, 0.3541



32.9351, 0.3559, 0.3855



32.9351, 0.2515, 0.2986



32.9351, 0.2695, 0.2755

Sweetspot

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



32.9366, 0.3780, 0.3541



79.8038, 0.3296, 0.3365



29.2167, 0.3346, 0.2707



16.8436, 0.3321, 0.3375



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



32.9366, 0.3780, 0.3541



53.2187, 0.3982, 0.3600



43.3356, 0.3657, 0.3927



9.9837, 0.3281, 0.3358



9.2911, 0.5952, 0.3656



0.4815, 0.5467, 0.4041

Inverse Universe

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



37.3693, 0.2640, 0.3023



62.4095, 0.2535, 0.2951



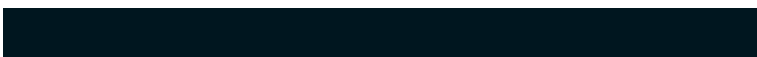
27.3685, 0.2584, 0.2559



10.3202, 0.2985, 0.3221



13.9209, 0.1975, 0.2309



0.6538, 0.2048, 0.2572

Previews

White Background



This preview shows how the Yxy color 32.9351, 0.3780, 0.3541 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 32.9351, 0.3780, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

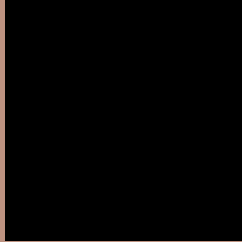
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9351, 0.3780, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 32.9351, 0.3780, 0.3541.



This preview shows how white text looks on a background with the Yxy color 32.9351, 0.3780, 0.3541.

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

32.9351, 0.3780, 0.3541

Protanopia

33.0011, 0.3437, 0.3636

Deuteranopia

33.0483, 0.3676, 0.3620



Tritanopia

32.8524, 0.3555, 0.3143

Trichromacy



Original Color

32.9351, 0.3780, 0.3541

Protanomaly

32.9794, 0.3552, 0.3598

Deuteranomaly

33.0945, 0.3712, 0.3602

Tritanomaly

32.7349, 0.3639, 0.3278

Monochromacy



Original Color

32.9351, 0.3780, 0.3541

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.2928, 0.3357, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9351, 0.3780, 0.3541 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(189, 146, 128)` looks like.

```
.text, #text, p{  
    color:rgb(189, 146, 128)  
}
```

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(189, 146, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 146, 128) }
```

Border

The CSS property to change the border of an element to Yxy 32.9351, 0.3780, 0.3541 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(189, 146, 128) }
```

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

```
.border{ border-color:rgb(189, 146, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 146, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 146, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 146, 128);  
box-shadow:4px 4px 4px 4px rgb(189, 146,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9351, 0.3780, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 146, 128) }
```

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

```
.background{ background-color: rgb(189,  
146, 128) }
```

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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