

Converting Colors

$Y_{xy}(32.9752, 0.3582, 0.3445)$

Have a look what the booklet for
Yxy(32.9752, 0.3582, 0.3445)
contains.

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Color

Yxy(32.8385, 0.3579, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	B5948A
RGB	181, 148, 138
RGB Percent	71%, 58%, 54%
CMY	0.2902, 0.4196, 0.4588
CMYK	0.00, 0.18, 0.24, 0.29
HSL	14°, 23%, 63%
HSV	14°, 24%, 71%
XYZ	34.2351, 32.8385, 28.5818
YIQ	156.7270, 22.8780, 3.8860

Conversions

Conversions Part 2

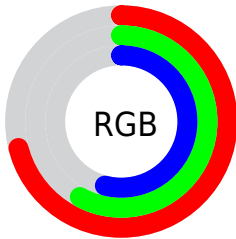
Format	Color
RYB	181, 151, 138
Decimal	11900042
CIELab	64.03, 10.80, 9.92
CIElCh	64, 14.664, 42.593
Yxy	32.8385, 0.3579, 0.3433
Android (android.graphics.Color)	4290090122 (0xFFB5948A)
YUV	156.7270, -9.2324, 21.2874
Hunter-Lab	57.3049, 6.3559, 10.5415

Details

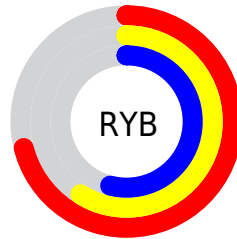
The Yxy color **32.8385, 0.3579, 0.3433** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8722, 0.2770, 0.3142**, and the grayscale version is **33.6236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0072, 0.3488, 0.3411**, and **13.7660, 0.3728, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **28.2581, 0.3834, 0.3497**, and if you desaturate by 10%, it is **38.0325, 0.3365, 0.3370**.

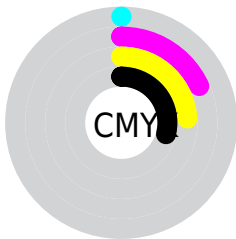
Distribution



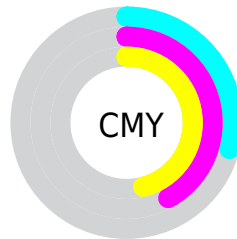
- Red (71%)
- Green (58%)
- Blue (54%)



- Red (71%)
- Yellow (59%)
- Blue (54%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (29%)





- Cyan (29%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8385, 0.3579, 0.3433 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 32.8385, 0.3579, 0.3433 by changing the saturation by 10% instead.


 32.8385, 0.3579,
0.3433


 32.8385, 0.3579,
0.3433


314.9214, 0.3338,
0.3361


 22.0028, 0.3644,
0.3451


 64.1233, 0.3488,
0.3407

 13.8589, 0.3732,
0.3473


 85.3412, 0.3455,
0.3397

 8.0226, 0.3854,
0.3503


 110.7885, 0.3427,
0.3389

 4.1094, 0.4038,
0.3541

140.8497, 0.3404,
0.3382

 1.7350, 0.4342,
0.3592

175.9092, 0.3384,
0.3376

 0.4461, 0.6065,
0.3935

216.3514, 0.3366,

 0.0000, 0.0000,

0.3370

0.0000

262.5607, 0.3351,
0.3366

■ 32.8385, 0.3579,
0.3433

■ 32.8385, 0.3579,
0.3433

■ 28.2581, 0.3834,
0.3497

■ 38.0325, 0.3365,
0.3370

■ 24.2641, 0.4135,
0.3559

■ 43.8572, 0.3186,
0.3311

■ 20.8338, 0.4481,
0.3614

■ 50.3346, 0.3037,
0.3256

■ 17.9411, 0.4863,
0.3652

■ 57.4842, 0.2913,
0.3206

■ 15.5582, 0.5261,
0.3663

■ 65.3248, 0.2809,
0.3160

■ 13.6541, 0.5638,
0.3639

■ 73.8743, 0.2721,
0.3119

■ 12.1945, 0.5951,
0.3576

■ 82.5084, 0.2694,
0.3183

■ 11.4850, 0.6112,
0.3529

■ 88.5647, 0.2706,
0.3289

Harmonies

Analogous

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



32.8385, 0.3476, 0.3238



32.8385, 0.3579, 0.3433



32.8385, 0.3555, 0.3601

Triad

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



32.8385, 0.3579, 0.3433



32.8385, 0.2969, 0.3536



32.8385, 0.2840, 0.2906

Complementary

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



32.8385, 0.3579, 0.3433



37.8722, 0.2770, 0.3142

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.



32.8385, 0.2715, 0.2968



32.8385, 0.3579, 0.3433



32.8385, 0.2787, 0.3330

Square

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



32.8385, 0.3579, 0.3433



32.8385, 0.3197, 0.3672



32.8385, 0.2696, 0.3120



32.8385, 0.3044, 0.2941

Rectangle

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



32.8385, 0.3579, 0.3433



32.8385, 0.3471, 0.3673



32.8385, 0.2696, 0.3120



32.8385, 0.2787, 0.2916

Sweetspot

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



32.8400, 0.3579, 0.3433



74.9049, 0.3243, 0.3331



30.9709, 0.3247, 0.2828



16.0564, 0.3253, 0.3334



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.



32.8400, 0.3579, 0.3433



53.9781, 0.3720, 0.3470



39.9706, 0.3515, 0.3717



8.8152, 0.3281, 0.3344



8.0072, 0.6091, 0.3546



0.3417, 0.5553, 0.3973

Inverse Universe

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



37.8722, 0.2770, 0.3142



64.6971, 0.2688, 0.3102



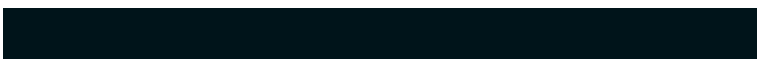
30.6145, 0.2745, 0.2823



9.2901, 0.2986, 0.3236



15.1267, 0.2037, 0.2534



0.5578, 0.2102, 0.2768

Previews

White Background



This preview shows how the Yxy color 32.8385, 0.3579, 0.3433 looks on a white background.

Color Contrast Check

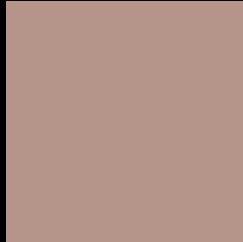
Large Text (above 18pt) WCAG AA × Fail

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 32.8385, 0.3579, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

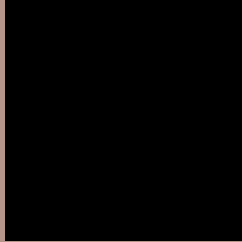
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8385, 0.3579, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 32.8385, 0.3579, 0.3433.



This preview shows how white text looks on a background with the Yxy color 32.8385, 0.3579, 0.3433.

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

32.8385, 0.3579, 0.3433

Protanopia

32.9728, 0.3310, 0.3486

Deuteranopia

32.9948, 0.3530, 0.3464



Tritanopia

32.7524, 0.3409, 0.3124

Trichromacy



Original Color

32.8385, 0.3579, 0.3433

Protanomaly

32.7044, 0.3398, 0.3453

Deuteranomaly

32.7948, 0.3544, 0.3449

Tritanomaly

32.7049, 0.3469, 0.3235

Monochromacy



Original Color

32.8385, 0.3579, 0.3433

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.4202, 0.3286, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8385, 0.3579, 0.3433 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(181, 148, 138)` looks like.

```
.text, #text, p{  
    color:rgb(181, 148, 138)  
}
```

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(181, 148, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 148, 138) }
```

Border

The CSS property to change the border of an element to Yxy 32.8385, 0.3579, 0.3433 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(181, 148, 138) }
```

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

```
.border{ border-color:rgb(181, 148, 138) }
```

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

Here you see how a box with a 4 pixel rgb(181, 148, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 148, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 148, 138);  
box-shadow:4px 4px 4px 4px rgb(181, 148,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8385, 0.3579, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 148, 138) }
```

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

```
.background{ background-color: rgb(181,  
148, 138) }
```

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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