

Converting Colors

$Yxy(32.8348, 0.3718, 0.3579)$

Have a look what the booklet for
Yxy(32.8348, 0.3718, 0.3579)
contains.

Yxy(32.9287, 0.3717, 0.3573)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.9287, 0.3717, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	B89480
RGB	184, 148, 128
RGB Percent	72%, 58%, 50%
CMY	0.2784, 0.4196, 0.4980
CMYK	0.00, 0.20, 0.30, 0.28
HSL	21°, 28%, 61%
HSV	21°, 30%, 72%
XYZ	34.2558, 32.9287, 24.9753
YIQ	156.4840, 27.8760, 1.4120

Conversions

Conversions Part 2

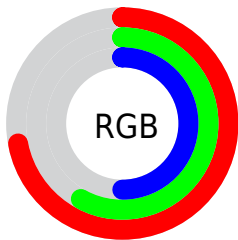
Format	Color
R _Y B	184, 159, 128
Decimal	12096640
CIE Lab	64.10, 10.55, 15.68
CIE LCh	64, 18.901, 56.063
Yxy	32.9287, 0.3717, 0.3573
Android (android.graphics.Color)	4290286720 (0xFFB89480)
YUV	156.4840, -14.0426, 24.1315
Hunter-Lab	57.3835, 6.1366, 14.3634

Details

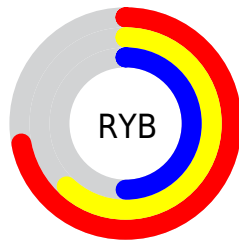
The Yxy color **32.9287, 0.3717, 0.3573** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.6096, 0.2662, 0.2987**, and the grayscale version is **33.5294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2780, 0.3599, 0.3519**, and **13.8597, 0.3915, 0.3644** is the 20% darker color. If you saturate the color by 10%, you get **28.9644, 0.3977, 0.3670**, and if you desaturate by 10%, it is **37.3634, 0.3492, 0.3476**.

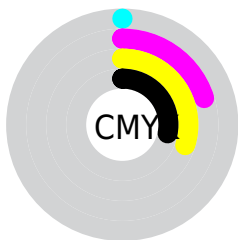
Distribution



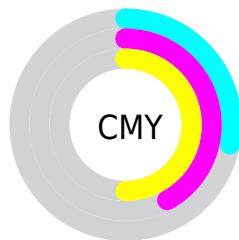
- Red (72%)
- Green (58%)
- Blue (50%)



- Red (72%)
- Yellow (62%)
- Blue (50%)



- Cyan (0%)
- Magenta (20%)
- Yellow (30%)
- Black (28%)





- Cyan (28%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9287, 0.3717, 0.3573 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 32.9287, 0.3717, 0.3573 by changing the saturation by 10% instead.

 32.9287, 0.3717,
0.3573


 32.9287, 0.3717,
0.3573


315.3283, 0.3403,
0.3430


 22.0718, 0.3802,
0.3609


 64.2642, 0.3598,
0.3521

 13.9097, 0.3915,
0.3654

 85.5116, 0.3555,
0.3501

 8.0579, 0.4071,
0.3712


 110.9913, 0.3519,
0.3485

 4.1320, 0.4303,
0.3790

141.0878, 0.3489,
0.3471

 1.7477, 0.4718,
0.3926

176.1853, 0.3463,
0.3459

 0.4542, 0.6028,
0.3972

216.6683, 0.3440,

 0.0000, 0.0000,

0.3448

0.0000

262.9212, 0.3420,
0.3438

■ 32.9287, 0.3717,
0.3573

■ 32.9287, 0.3717,
0.3573

■ 28.9644, 0.3977,
0.3670

■ 37.3634, 0.3492,
0.3476

■ 25.4499, 0.4271,
0.3759

■ 42.2793, 0.3298,
0.3382

■ 22.3695, 0.4595,
0.3833


■ 47.6923, 0.3134,
0.3294

■ 19.7051, 0.4935,
0.3879


■ 53.6163, 0.2993,
0.3212


■ 17.4366, 0.5270,
0.3886


■ 60.0647, 0.2874,
0.3136

 15.5423, 0.5571,
0.3843

 67.0503, 0.2772,
0.3067

 14.0514, 0.5815,
0.3765

 74.4679, 0.2694,
0.3023

 81.3106, 0.2707,
0.3155

 88.6096, 0.2721,
0.3283

Harmonies

Analogous

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



32.9287, 0.3657, 0.3331



32.9287, 0.3717, 0.3573



32.9287, 0.3611, 0.3756

Triad

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



32.9287, 0.3717, 0.3573



32.9287, 0.2807, 0.3495



32.9287, 0.2865, 0.2807

Complementary

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



32.9287, 0.3717, 0.3573



34.6096, 0.2662, 0.2987

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.



32.9287, 0.2656, 0.2826



32.9287, 0.3717, 0.3573



32.9287, 0.2623, 0.3211

Square

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



32.9287, 0.3717, 0.3573



32.9287, 0.3080, 0.3725



32.9287, 0.2570, 0.2968



32.9287, 0.3153, 0.2904

Rectangle

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



32.9287, 0.3717, 0.3573



32.9287, 0.3464, 0.3815



32.9287, 0.2570, 0.2968



32.9287, 0.2784, 0.2800

Sweetspot

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



32.9302, 0.3717, 0.3573



77.8404, 0.3276, 0.3370



28.3278, 0.3371, 0.2790



16.4872, 0.3301, 0.3384



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.



32.9302, 0.3717, 0.3573



54.4381, 0.3900, 0.3643



42.6489, 0.3610, 0.3936



9.5228, 0.3279, 0.3372



9.8056, 0.5792, 0.3783



0.4649, 0.5293, 0.4179

Inverse Universe

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



34.6096, 0.2662, 0.2987



57.9860, 0.2554, 0.2904



25.7751, 0.2612, 0.2549



9.6566, 0.2985, 0.3206



11.5043, 0.1915, 0.2094



0.5179, 0.2011, 0.2438

Previews

White Background



This preview shows how the Yxy color 32.9287, 0.3717, 0.3573 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 32.9287, 0.3717, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

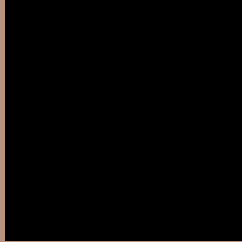
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9287, 0.3717, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 32.9287, 0.3717, 0.3573.



This preview shows how white text looks on a background with the Yxy color 32.9287, 0.3717, 0.3573.

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

32.9287, 0.3717, 0.3573

Protanopia

33.0011, 0.3437, 0.3636

Deuteranopia

33.0745, 0.3666, 0.3606



Tritanopia

32.8779, 0.3475, 0.3140

Trichromacy



Original Color

32.9287, 0.3717, 0.3573

Protanomaly

32.7531, 0.3531, 0.3600

Deuteranomaly

32.8772, 0.3680, 0.3590

Tritanomaly

32.7342, 0.3568, 0.3291

Monochromacy



Original Color

32.9287, 0.3717, 0.3573

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.9648, 0.3326, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9287, 0.3717, 0.3573 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(184, 148, 128)` looks like.

```
.text, #text, p{  
    color:rgb(184, 148, 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(184, 148, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 148, 128) }
```

Border

The CSS property to change the border of an element to Yxy 32.9287, 0.3717, 0.3573 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(184, 148, 128) }
```

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

```
.border{ border-color:rgb(184, 148, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 148, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 148, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 148, 128);  
box-shadow:4px 4px 4px 4px rgb(184, 148,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9287, 0.3717, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 148, 128) }
```

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

```
.background{ background-color: rgb(184,  
148, 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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