

Converting Colors

$Y_{xy}(29.1344, 0.3759, 0.3389)$

Have a look what the booklet for
Yxy(29.1344, 0.3759, 0.3389)
contains.

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Color

Yxy(29.1033, 0.3759, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	B88781
RGB	184, 135, 129
RGB Percent	72%, 53%, 51%
CMY	0.2784, 0.4706, 0.4941
CMYK	0.00, 0.27, 0.30, 0.28
HSL	7°, 28%, 61%
HSV	7°, 30%, 72%
XYZ	32.3954, 29.1033, 24.6822
YIQ	148.9670, 31.1300, 8.5220

Conversions

Conversions Part 2

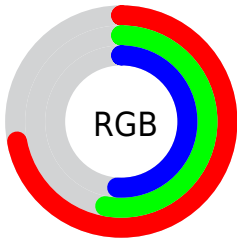
Format	Color
RYB	184, 136, 129
Decimal	12093313
CIELab	60.87, 17.91, 10.59
CIElCh	61, 20.812, 30.594
Yxy	29.1033, 0.3759, 0.3377
Android (android.graphics.Color)	4290283393 (0xFFB88781)
YUV	148.9670, -9.8437, 30.7239
Hunter-Lab	53.9475, 12.7810, 10.6367

Details

The Yxy color **29.1033, 0.3759, 0.3377** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.9766, 0.2693, 0.3201**, and the grayscale version is **30.0738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0446, 0.3626, 0.3357**, and **11.8220, 0.3988, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **24.4300, 0.4068, 0.3407**, and if you desaturate by 10%, it is **34.5721, 0.3504, 0.3346**.

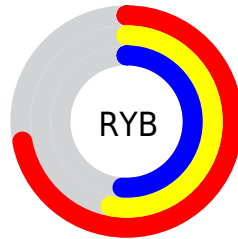
Distribution



Red (72%)

Green (53%)

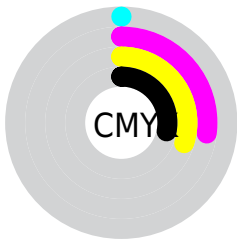
Blue (51%)



Red (72%)

Yellow (53%)

Blue (51%)

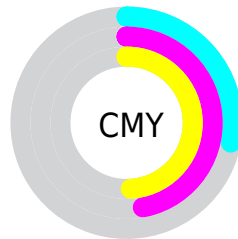


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (28%)



Cyan (28%)


Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1033, 0.3759, 0.3377 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 29.1033, 0.3759, 0.3377 by changing the saturation by 10% instead.


 29.1033, 0.3759,
0.3377


 29.1033, 0.3759,
0.3377


297.7020, 0.3415,
0.3338

 19.1590, 0.3855,
0.3385

 58.2412, 0.3627,
0.3364

 11.7852, 0.3985,
0.3393


 78.2035, 0.3579,
0.3359

 6.5976, 0.4170,
0.3400


 102.2740, 0.3540,
0.3354

 3.2117, 0.4454,
0.3402

130.8370, 0.3507,
0.3350

 1.2433, 0.5008,
0.3423

164.2769, 0.3479,
0.3346

 0.0966, 0.8456,
0.1544


202.9781, 0.3455,


 0.0000, 0.0000,

0.3343


0.0000


247.3250, 0.3434,
0.3340

 29.1033, 0.3759,
0.3377


 29.1033, 0.3759,
0.3377


 24.4300, 0.4068,
0.3407

 34.5721, 0.3504,
0.3346

 20.5112, 0.4434,
0.3434

 40.8667, 0.3295,
0.3317

 17.3085, 0.4850,
0.3453

 48.0210, 0.3125,
0.3290

 14.7785, 0.5295,
0.3459

 56.0656, 0.2987,
0.3265

 12.8727, 0.5722,
0.3446

 65.0297, 0.2873,
0.3242

■ 11.5367, 0.6073,
0.3412

■ 74.9411, 0.2779,
0.3221

■ 10.7000, 0.6309,
0.3371

■ 85.6437, 0.2715,
0.3233

■ 10.6931, 0.6311,
0.3371

■ 88.9313, 0.2721,
0.3289

Harmonies

Analogous

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



29.1033, 0.3539, 0.3101



29.1033, 0.3759, 0.3377



29.1033, 0.3798, 0.3648

Triad

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



29.1033, 0.3759, 0.3377



29.1033, 0.3020, 0.3761



29.1033, 0.2617, 0.2748

Complementary

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



29.1033, 0.3759, 0.3377



39.9766, 0.2693, 0.3201

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.



29.1033, 0.2497, 0.2886



29.1033, 0.3759, 0.3377



29.1033, 0.2720, 0.3476

Square

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



29.1033, 0.3759, 0.3377



29.1033, 0.3359, 0.3896



29.1033, 0.2533, 0.3149



29.1033, 0.2872, 0.2749

Rectangle

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



29.1033, 0.3759, 0.3377



29.1033, 0.3716, 0.3792



29.1033, 0.2533, 0.3149



29.1033, 0.2561, 0.2779

Sweetspot

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



29.1047, 0.3759, 0.3377



74.9784, 0.3282, 0.3315



29.1293, 0.3218, 0.2625



15.7836, 0.3309, 0.3319



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.



29.1047, 0.3759, 0.3377



46.9121, 0.3960, 0.3397



37.6203, 0.3652, 0.3748



9.1655, 0.3285, 0.3316



7.4222, 0.6298, 0.3382



0.3139, 0.5964, 0.3646

Inverse Universe

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



39.9766, 0.2693, 0.3201



69.8469, 0.2606, 0.3178



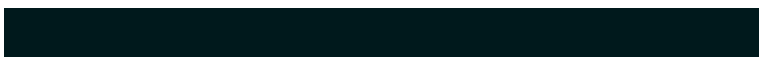
30.2652, 0.2647, 0.2784



10.0390, 0.2985, 0.3264



20.7369, 0.2152, 0.2948



0.7791, 0.2179, 0.3044

Previews

White Background



This preview shows how the Yxy color 29.1033, 0.3759, 0.3377 looks on a white background.

Color Contrast Check

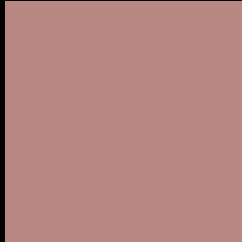
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1033, 0.3759, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

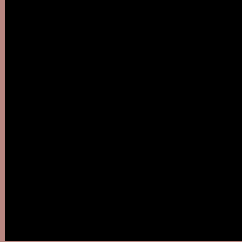
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1033, 0.3759, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 29.1033, 0.3759, 0.3377.



This preview shows how white text looks on a background with the Yxy color 29.1033, 0.3759, 0.3377.

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

29.1033, 0.3759, 0.3377

Protanopia

29.3890, 0.3309, 0.3480

Deuteranopia

29.2293, 0.3561, 0.3503



Tritanopia

29.0725, 0.3615, 0.3151

Trichromacy



Original Color

29.1033, 0.3759, 0.3377

Protanomaly

29.2309, 0.3460, 0.3444

Deuteranomaly

29.0224, 0.3640, 0.3454

Tritanomaly

29.1995, 0.3670, 0.3235

Monochromacy



Original Color

29.1033, 0.3759, 0.3377

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5809, 0.3341, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1033, 0.3759, 0.3377 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, 135, 129)` looks like.

```
.text, #text, p{  
    color:rgb(184, 135, 129)  
}
```

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, 135, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 135, 129) }
```

Border

The CSS property to change the border of an element to Yxy 29.1033, 0.3759, 0.3377 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, 135, 129) }
```

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

```
.border{ border-color:rgb(184, 135, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 135, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 135, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 135, 129);  
box-shadow:4px 4px 4px 4px rgb(184, 135,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1033, 0.3759, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 135, 129) }
```

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

```
.background{ background-color: rgb(184,  
135, 129) }
```

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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