

# Converting Colors

$Y_{xy}(28.3682, 0.3728, 0.3292)$

Have a look what the booklet for  
Yxy(28.3682, 0.3728, 0.3292)  
contains.

<b>Yxy(28.3588, 0.3736, 0.3292)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(28.3588, 0.3736, 0.3292)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B88484
RGB	184, 132, 132
RGB Percent	72%, 52%, 52%
CMY	0.2784, 0.4823, 0.4824
CMYK	0.00, 0.28, 0.28, 0.28
HSL	0°, 27%, 62%
HSV	0°, 28%, 72%
XYZ	32.1836, 28.3588, 25.6022
YIQ	147.5480, 30.9920, 11.0240

# Conversions

## Conversions Part 2

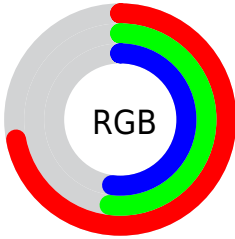
Format	Color
<a href="#">RYB</a>	<a href="#">184, 132, 132</a>
Decimal	<a href="#">12092548</a>
CIELab	<a href="#">60.21, 20.00, 7.96</a>
CIElCh	<a href="#">60, 21.526, 21.690</a>
Yxy	<a href="#">28.3588, 0.3736, 0.3292</a>
Android (android.graphics.Color)	<a href="#">4290282628 (0xFFB88484)</a>
YUV	<a href="#">147.5480, -7.6652, 31.9684</a>
Hunter-Lab	<a href="#">53.2530, 14.6844, 8.7725</a>

# Details

The Yxy color **28.3588, 0.3736, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.6423, 0.2723, 0.3289**, and the grayscale version is **29.4397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9015, 0.3608, 0.3291**, and **11.4049, 0.3956, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **23.3431, 0.4057, 0.3293**, and if you desaturate by 10%, it is **34.3456, 0.3476, 0.3291**.

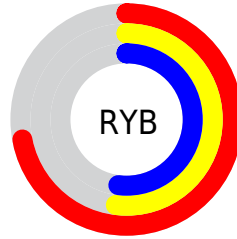
# Distribution



Red (72%)

Green (52%)

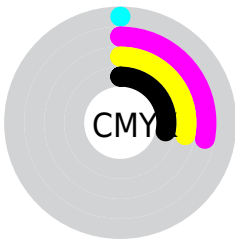
Blue (52%)



Red (72%)

Yellow (52%)

Blue (52%)

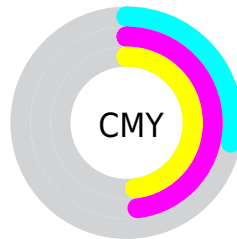


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (28%)



Cyan (28%)

Magenta (48%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 28.3588, 0.3736, 0.3292 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 28.3588, 0.3736, 0.3292 by changing the saturation by 10% instead.




 28.3588, 0.3736,  
0.3292


 28.3588, 0.3736,  
0.3292


294.1774, 0.3404,  
0.3297

 18.5963, 0.3829,  
0.3288


 57.0568, 0.3608,  
0.3296

 11.3789, 0.3956,  
0.3281


 76.7610, 0.3562,  
0.3296

 6.3223, 0.4138,  
0.3267


 100.5480, 0.3524,  
0.3297

 3.0420, 0.4419,  
0.3238

128.8021, 0.3492,  
0.3297

 1.1537, 0.4944,  
0.3190

161.9077, 0.3465,  
0.3297

 0.0234, 0.9561,  
0.0439


200.2492, 0.3442,

 0.0000, 0.0000,


0.3297


0.0000

244.2110, 0.3422,  
0.3297

 28.3588, 0.3736,  
0.3292

 28.3588, 0.3736,  
0.3292


 23.3431, 0.4057,  
0.3293


 34.3456, 0.3476,  
0.3291

 19.2437, 0.4443,  
0.3294

 41.3467, 0.3268,  
0.3290


 16.0064, 0.4888,  
0.3296

 49.4074, 0.3101,  
0.3290

 13.5696, 0.5364,  
0.3297

 58.5692, 0.2967,  
0.3289

 11.8638, 0.5814,  
0.3298

 68.8715, 0.2859,  
0.3289

■ 10.8074, 0.6163,  
0.3299

■ 80.3514, 0.2772,  
0.3289

■ 10.2685, 0.6370,  
0.3300

■ 88.9312, 0.2721,  
0.3289

■ 10.1924, 0.6401,  
0.3300

# Harmonies

## Analogous

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



28.3588, 0.3461, 0.3016



28.3588, 0.3736, 0.3292



28.3588, 0.3837, 0.3582

# Triad

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



28.3588, 0.3736, 0.3292



28.3588, 0.3119, 0.3845



28.3588, 0.2543, 0.2753

# Complementary

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



28.3588, 0.3736, 0.3292



42.6423, 0.2723, 0.3289

# 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.



28.3588, 0.2465, 0.2937



28.3588, 0.3736, 0.3292



28.3588, 0.2785, 0.3583

# Square

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



28.3588, 0.3736, 0.3292



28.3588, 0.3468, 0.3927



28.3588, 0.2551, 0.3240



28.3588, 0.2770, 0.2712



# Rectangle

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



28.3588, 0.3736, 0.3292



28.3588, 0.3790, 0.3751



28.3588, 0.2551, 0.3240



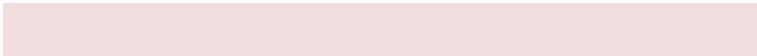
28.3588, 0.2499, 0.2799

# Sweetspot

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



28.3601, 0.3736, 0.3292



75.1330, 0.3265, 0.3290



30.1510, 0.3160, 0.2598



15.7597, 0.3293, 0.3291



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.



28.3601, 0.3736, 0.3292



45.4800, 0.3930, 0.3293



36.3093, 0.3638, 0.3653



9.0127, 0.3288, 0.3291



7.0242, 0.6400, 0.3300



0.2478, 0.6399, 0.3301



# Inverse Universe

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



42.6423, 0.2723, 0.3289



75.6915, 0.2645, 0.3288



32.8180, 0.2683, 0.2897



10.2102, 0.2985, 0.3290



25.9947, 0.2246, 0.3286



0.9165, 0.2246, 0.3287



# Previews

## White Background



This preview shows how the Yxy color 28.3588, 0.3736, 0.3292 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 28.3588, 0.3736, 0.3292 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

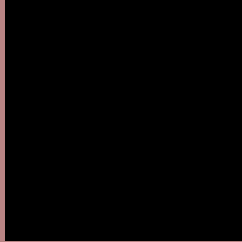
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**Yxy 28.3588, 0.3736, 0.3292**

## Background



This preview shows how black text looks on a background with the Yxy color 28.3588, 0.3736, 0.3292.



This preview shows how white text looks on a background with the Yxy color 28.3588, 0.3736, 0.3292.

# 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

28.3588, 0.3736, 0.3292

### Protanopia

28.5989, 0.3240, 0.3386

### Deuteranopia

28.3672, 0.3512, 0.3444



## Tritanopia

28.4700, 0.3644, 0.3151

# Trichromacy



## Original Color

28.3588, 0.3736, 0.3292

## Protanomaly

28.2151, 0.3413, 0.3352

## Deuteranomaly

28.3007, 0.3591, 0.3381

## Tritanomaly

28.3819, 0.3680, 0.3193

# Monochromacy



## Original Color

28.3588, 0.3736, 0.3292

## Achromatopsia

29.6138, 0.3127, 0.3290

## Achromatomaly

28.8761, 0.3334, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 28.3588, 0.3736, 0.3292 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, 132, 132)` looks like.

```
.text, #text, p{  
    color:rgb(184, 132, 132)  
}
```

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, 132, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 132, 132) }
```

## Border

The CSS property to change the border of an element to Yxy 28.3588, 0.3736, 0.3292 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, 132, 132) }
```

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

```
.border{ border-color:rgb(184, 132, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 132, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 132, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 132, 132);  
box-shadow:4px 4px 4px 4px rgb(184, 132,  
132) }
```



# Background

The CSS property to change the background color of an element to Yxy 28.3588, 0.3736, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 132, 132) }
```

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

```
.background{ background-color: rgb(184,  
132, 132) }
```

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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