

Converting Colors

$Y_{xy}(32.8270, 0.4012, 0.3735)$

Have a look what the booklet for
Yxy(32.8270, 0.4012, 0.3735)
contains.

Yxy(32.8900, 0.4011, 0.3737)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.8900, 0.4011, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	C29170
RGB	194, 145, 112
RGB Percent	76%, 57%, 44%
CMY	0.2392, 0.4314, 0.5607
CMYK	0.00, 0.25, 0.42, 0.24
HSL	24°, 40%, 60%
HSV	24°, 42%, 76%
XYZ	35.3015, 32.8900, 19.8203
YIQ	155.8890, 39.7970, 0.1250

Conversions

Conversions Part 2

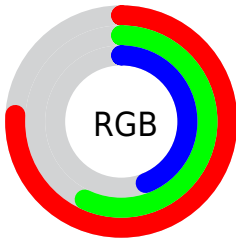
Format	Color
RYB	194, 167, 112
Decimal	12751216
CIELab	64.07, 14.27, 24.71
CIELCh	64, 28.533, 59.988
Yxy	32.8900, 0.4011, 0.3737
Android (android.graphics.Color)	4290941296 (0xFFC29170)
YUV	155.8890, -21.6373, 33.4233
Hunter-Lab	57.3498, 9.5131, 19.6541

Details

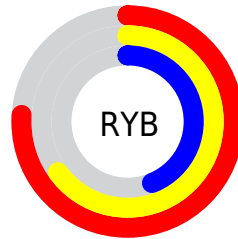
The Yxy color **32.8900, 0.4011, 0.3737** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.8413, 0.2475, 0.2786**, and the grayscale version is **33.2802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2226, 0.3834, 0.3660**, and **13.7788, 0.4294, 0.3840** is the 20% darker color. If you saturate the color by 10%, you get **29.1397, 0.4299, 0.3836**, and if you desaturate by 10%, it is **37.0984, 0.3753, 0.3629**.

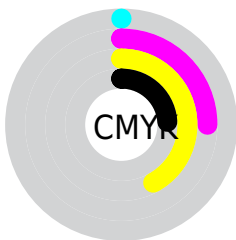
Distribution



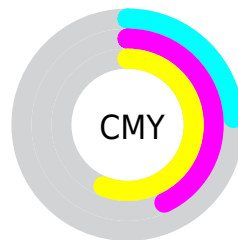
- Red (76%)
- Green (57%)
- Blue (44%)



- Red (76%)
- Yellow (65%)
- Blue (44%)



- Cyan (0%)
- Magenta (25%)
- Yellow (42%)
- Black (24%)




- Cyan (24%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8900, 0.4011, 0.3737 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 32.8900, 0.4011, 0.3737 by changing the saturation by 10% instead.


 32.8900, 0.4011,
0.3737


 32.8900, 0.4011,
0.3737


315.1538, 0.3542,
0.3517


 22.0422, 0.4135,
0.3788


 64.2038, 0.3835,
0.3659


 13.8879, 0.4299,
0.3850


 85.4385, 0.3770,
0.3629

 8.0427, 0.4521,
0.3925


 110.9043, 0.3716,
0.3604

 4.1223, 0.4835,
0.4008

 140.9856, 0.3671,
0.3582

 1.7422, 0.5653,
0.4347

176.0669, 0.3632,
0.3562

 0.4508, 0.6328,
0.3672

216.5324, 0.3598,

 0.0000, 0.0000,

0.3545

0.0000

262.7665, 0.3568,
0.3530

■ 32.8900, 0.4011,
0.3737

■ 32.8900, 0.4011,
0.3737

■ 29.1397, 0.4299,
0.3836

■ 37.0984, 0.3753,
0.3629

■ 25.8260, 0.4609,
0.3916

■ 41.7760, 0.3527,
0.3520

■ 22.9322, 0.4930,
0.3965

■ 46.9394, 0.3331,
0.3413

■ 20.4389, 0.5239,
0.3970

■ 52.6029, 0.3162,
0.3312

■ 18.3241, 0.5513,
0.3923

■ 58.7801, 0.3017,
0.3218

■ 16.9261, 0.5696,
0.3859

■ 65.4841, 0.2893,
0.3131

■ 72.7275, 0.2786,
0.3051

■ 79.7099, 0.2758,
0.3104

■ 86.6735, 0.2768,
0.3229

Harmonies

Analogous

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



32.8900, 0.3959, 0.3384



32.8900, 0.4011, 0.3737



32.8900, 0.3811, 0.4009

Triad

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



32.8900, 0.4011, 0.3737



32.8900, 0.2600, 0.3543



32.8900, 0.2782, 0.2592

Complementary

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



32.8900, 0.4011, 0.3737



32.8413, 0.2475, 0.2786

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.



32.8900, 0.2460, 0.2588



32.8900, 0.4011, 0.3737



32.8900, 0.2360, 0.3103

Square

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



32.8900, 0.4011, 0.3737



32.8900, 0.2988, 0.3929



32.8900, 0.2312, 0.2761



32.8900, 0.3220, 0.2753

Rectangle

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



32.8900, 0.4011, 0.3737



32.8900, 0.3572, 0.4095



32.8900, 0.2312, 0.2761



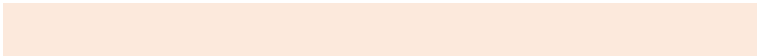
32.8900, 0.2658, 0.2572

Sweetspot

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



32.8916, 0.4011, 0.3737



84.1105, 0.3348, 0.3423



25.6431, 0.3553, 0.2641



17.9455, 0.3390, 0.3447



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



32.8916, 0.4011, 0.3737



53.0783, 0.4285, 0.3832



47.6812, 0.3790, 0.4232



10.7281, 0.3279, 0.3383



11.2780, 0.5672, 0.3878



0.6223, 0.5267, 0.4200

Inverse Universe

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



32.8413, 0.2475, 0.2786



52.9348, 0.2337, 0.2648



20.8254, 0.2368, 0.2129



10.7267, 0.2984, 0.3195



10.9318, 0.1870, 0.1930



0.6045, 0.1963, 0.2267

Previews

White Background



This preview shows how the Yxy color 32.8900, 0.4011, 0.3737 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 32.8900, 0.4011, 0.3737 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 32.8900, 0.4011, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 32.8900, 0.4011, 0.3737.



This preview shows how white text looks on a background with the Yxy color 32.8900, 0.4011, 0.3737.

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

32.8900, 0.4011, 0.3737

Protanopia

32.9425, 0.3616, 0.3859

Deuteranopia

32.9569, 0.3900, 0.3823



Tritanopia

32.9639, 0.3658, 0.3159

Trichromacy



Original Color

32.8900, 0.4011, 0.3737

Protanomaly

32.7181, 0.3762, 0.3811

Deuteranomaly

33.0189, 0.3939, 0.3803

Tritanomaly

32.9939, 0.3796, 0.3372

Monochromacy



Original Color

32.8900, 0.4011, 0.3737

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.8960, 0.3430, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8900, 0.4011, 0.3737 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(194, 145, 112)` looks like.

```
.text, #text, p{  
    color:rgb(194, 145, 112)  
}
```

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(194, 145, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 145, 112) }
```

Border

The CSS property to change the border of an element to Yxy 32.8900, 0.4011, 0.3737 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(194, 145, 112) }
```

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

```
.border{ border-color:rgb(194, 145, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 145, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 145, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 145, 112);  
box-shadow:4px 4px 4px 4px rgb(194, 145,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8900, 0.4011, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 145, 112) }
```

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

```
.background{ background-color: rgb(194,  
145, 112) }
```

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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