

Converting Colors

$Yxy(33.7151, 0.4031, 0.3691)$

Have a look what the booklet for
Yxy(33.7151, 0.4031, 0.3691)
contains.

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Color

Yxy(33.6307, 0.4033, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	C79173
RGB	199, 145, 115
RGB Percent	78%, 57%, 45%
CMY	0.2197, 0.4313, 0.5491
CMYK	0.00, 0.27, 0.42, 0.22
HSL	21°, 43%, 62%
HSV	21°, 42%, 78%
XYZ	36.7668, 33.6307, 20.7673
YIQ	157.7260, 41.8140, 2.1180

Conversions

Conversions Part 2

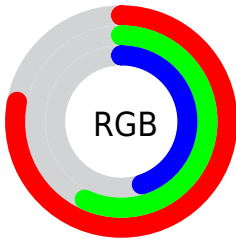
Format	Color
R_{YB}	199, 162, 115
Decimal	13078899
CIE _{Lab}	64.67, 16.61, 23.96
CIE _{LCh}	65, 29.150, 55.274
Yxy	33.6307, 0.4033, 0.3689
Android (android.graphics.Color)	4291268979 (0xFFC79173)
YUV	157.7260, -21.0639, 36.1973
Hunter-Lab	57.9920, 11.6826, 19.3622

Details

The Yxy color **33.6307, 0.4033, 0.3689** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.1177, 0.2484, 0.2844**, and the grayscale version is **34.1442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8969, 0.3834, 0.3625**, and **14.2503, 0.4324, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **29.5331, 0.4335, 0.3777**, and if you desaturate by 10%, it is **38.2699, 0.3765, 0.3593**.

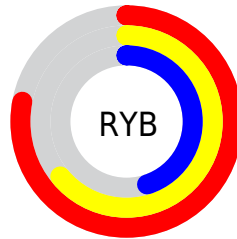
Distribution



Red (78%)

Green (57%)

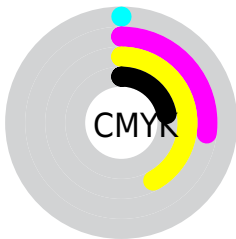
Blue (45%)



Red (78%)

Yellow (64%)

Blue (45%)

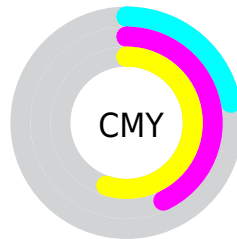


Cyan (0%)

Magenta (27%)

Yellow (42%)

Black (22%)



Cyan (22%)


Magenta (43%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6307, 0.4033, 0.3689 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 33.6307, 0.4033, 0.3689 by changing the saturation by 10% instead.

 33.6307, 0.4033,
0.3689


 33.6307, 0.4033,
0.3689


318.4822, 0.3553,
0.3496

 22.6100, 0.4160,
0.3733


 65.3590, 0.3853,
0.3622

 14.3058, 0.4327,
0.3785


 86.8354, 0.3787,
0.3596

 8.3337, 0.4554,
0.3846


 112.5658, 0.3732,
0.3573

 4.3092, 0.4876,
0.3910

 142.9346, 0.3685,
0.3553

 1.8480, 0.5634,
0.4156

178.3263, 0.3645,
0.3536

 0.5168, 0.6347,
0.3653

219.1252, 0.3610,

 0.0000, 0.0000,

0.3521

0.0000

265.7157, 0.3580,
0.3508

■ 33.6307, 0.4033,
0.3689

■ 33.6307, 0.4033,
0.3689

■ 29.5331, 0.4335,
0.3777

■ 38.2699, 0.3765,
0.3593

■ 25.9514, 0.4665,
0.3847

■ 43.4655, 0.3532,
0.3495

■ 22.8646, 0.5008,
0.3886


■ 49.2378, 0.3332,
0.3399


■ 20.2484, 0.5339,
0.3882

■ 55.6043, 0.3161,
0.3309

■ 18.0757, 0.5630,
0.3828


■ 62.5821, 0.3016,
0.3225

 16.6649, 0.5822,
0.3759

 70.1874, 0.2893,
0.3148

 78.4356, 0.2787,
0.3078

 86.0456, 0.2794,
0.3208

 90.8783, 0.2800,
0.3289

Harmonies

Analogous

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



33.6307, 0.3938, 0.3327



33.6307, 0.4033, 0.3689



33.6307, 0.3867, 0.3985

Triad

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



33.6307, 0.4033, 0.3689



33.6307, 0.2646, 0.3617



33.6307, 0.2716, 0.2571

Complementary

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



33.6307, 0.4033, 0.3689



36.1177, 0.2484, 0.2844

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.



33.6307, 0.2415, 0.2594



33.6307, 0.4033, 0.3689



33.6307, 0.2376, 0.3166

Square

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



33.6307, 0.4033, 0.3689



33.6307, 0.3056, 0.3983



33.6307, 0.2296, 0.2797



33.6307, 0.3147, 0.2711

Rectangle

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



33.6307, 0.4033, 0.3689



33.6307, 0.3640, 0.4095



33.6307, 0.2296, 0.2797



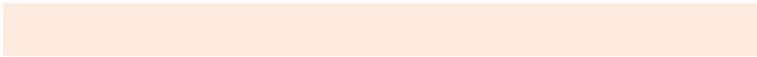
33.6307, 0.2598, 0.2560

Sweetspot

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



33.6323, 0.4033, 0.3689



85.2038, 0.3350, 0.3408



27.2819, 0.3503, 0.2591



17.7382, 0.3393, 0.3429



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.



33.6323, 0.4033, 0.3689



52.0390, 0.4321, 0.3773



48.6512, 0.3810, 0.4187



11.2474, 0.3281, 0.3373



10.8707, 0.5797, 0.3779



0.6516, 0.5396, 0.4098

Inverse Universe

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



36.1177, 0.2484, 0.2844



56.9277, 0.2352, 0.2722



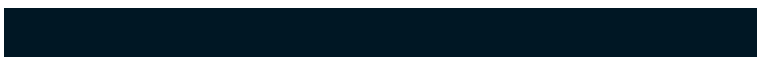
23.0950, 0.2378, 0.2194



11.4047, 0.2984, 0.3205



12.7212, 0.1913, 0.2086



0.7357, 0.1991, 0.2366

Previews

White Background



This preview shows how the Yxy color 33.6307, 0.4033, 0.3689 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 33.6307, 0.4033, 0.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

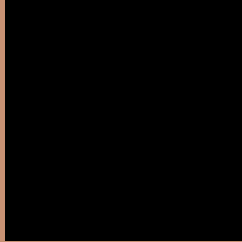
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6307, 0.4033, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 33.6307, 0.4033, 0.3689.



This preview shows how white text looks on a background with the Yxy color 33.6307, 0.4033, 0.3689.

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

33.6307, 0.4033, 0.3689

Protanopia

33.7948, 0.3590, 0.3840

Deuteranopia

33.7872, 0.3870, 0.3806



Tritanopia

33.5471, 0.3690, 0.3149

Trichromacy



Original Color

33.6307, 0.4033, 0.3689

Protanomaly

33.6742, 0.3744, 0.3792

Deuteranomaly

33.7862, 0.3935, 0.3769

Tritanomaly

33.5985, 0.3817, 0.3345

Monochromacy



Original Color

33.6307, 0.4033, 0.3689

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.6197, 0.3439, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6307, 0.4033, 0.3689 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(199, 145, 115)` looks like.

```
.text, #text, p{  
    color:rgb(199, 145, 115)  
}
```

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(199, 145, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 145, 115) }
```

Border

The CSS property to change the border of an element to Yxy 33.6307, 0.4033, 0.3689 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(199, 145, 115) }
```

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

```
.border{ border-color:rgb(199, 145, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 145, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 145, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 145, 115);  
box-shadow:4px 4px 4px 4px rgb(199, 145,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6307, 0.4033, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 145, 115) }
```

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

```
.background{ background-color: rgb(199,  
145, 115) }
```

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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