

Converting Colors

$Yxy(33.7382, 0.4028, 0.3637)$

Have a look what the booklet for
Yxy(33.7382, 0.4028, 0.3637)
contains.

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Color

Yxy(33.6720, 0.4028, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	C99076
RGB	201, 144, 118
RGB Percent	79%, 56%, 46%
CMY	0.2117, 0.4353, 0.5372
CMYK	0.00, 0.28, 0.41, 0.21
HSL	19°, 43%, 63%
HSV	19°, 41%, 79%
XYZ	37.3330, 33.6720, 21.6787
YIQ	158.0790, 42.3180, 3.9980

Conversions

Conversions Part 2

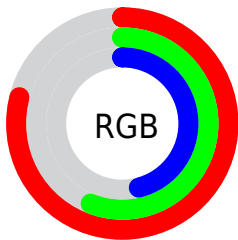
Format	Color
R_{YB}	201, 156, 118
Decimal	13209718
CIE Lab	64.70, 18.32, 22.36
CIE LCh	65, 28.905, 50.660
Yxy	33.6720, 0.4028, 0.3633
Android (android.graphics.Color)	4291399798 (0xFFC99076)
YUV	158.0790, -19.7589, 37.6417
Hunter-Lab	58.0276, 13.2927, 18.4689

Details

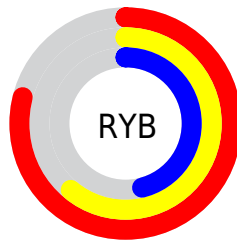
The Yxy color **33.6720, 0.4028, 0.3633** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.7426, 0.2506, 0.2911**, and the grayscale version is **34.3084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5504, 0.3814, 0.3584**, and **14.2781, 0.4334, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **29.3151, 0.4342, 0.3711**, and if you desaturate by 10%, it is **38.6456, 0.3753, 0.3548**.

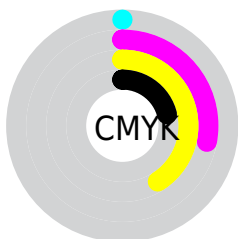
Distribution



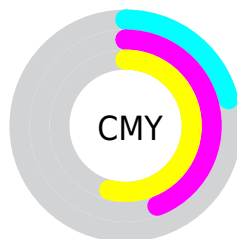
- Red (79%)
- Green (56%)
- Blue (46%)



- Red (79%)
- Yellow (61%)
- Blue (46%)



- Cyan (0%)
- Magenta (28%)
- Yellow (41%)
- Black (21%)





- Cyan (21%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6720, 0.4028, 0.3633 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 33.6720, 0.4028, 0.3633 by changing the saturation by 10% instead.


 33.6720, 0.4028,
0.3633


 33.6720, 0.4028,
0.3633


318.6670, 0.3550,
0.3469

 22.6417, 0.4155,
0.3669


 65.4233, 0.3848,
0.3576

 14.3292, 0.4322,
0.3712


 86.9131, 0.3783,
0.3554

 8.3500, 0.4551,
0.3761


 112.6582, 0.3728,
0.3535

 4.3197, 0.4878,
0.3809

143.0430, 0.3681,
0.3518

 1.8540, 0.5576,
0.3976

178.4519, 0.3641,
0.3504

 0.5205, 0.6451,
0.3549

219.2692, 0.3607,

 0.0000, 0.0000,

0.3491

0.0000

265.8795, 0.3577,
0.3480

■ 33.6720, 0.4028,
0.3633

■ 33.6720, 0.4028,
0.3633

■ 29.3151, 0.4342,
0.3711

■ 38.6456, 0.3753,
0.3548

■ 25.5452, 0.4688,
0.3772

■ 44.2545, 0.3517,
0.3462

■ 22.3371, 0.5051,
0.3805


■ 50.5224, 0.3316,
0.3378


■ 19.6618, 0.5406,
0.3798

■ 57.4703, 0.3147,
0.3300

■ 17.4869, 0.5717,
0.3743


■ 65.1183, 0.3004,
0.3227

 15.9645, 0.5939,
0.3666

 73.4856, 0.2883,
0.3160

 82.3481, 0.2800,
0.3137

 90.8200, 0.2810,
0.3284

 91.1583, 0.2811,
0.3289

Harmonies

Analogous

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



33.6720, 0.3893, 0.3272



33.6720, 0.4028, 0.3633



33.6720, 0.3901, 0.3942

Triad

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



33.6720, 0.4028, 0.3633



33.6720, 0.2706, 0.3680



33.6720, 0.2663, 0.2570

Complementary

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



33.6720, 0.4028, 0.3633



38.7426, 0.2506, 0.2911

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.



33.6720, 0.2390, 0.2619



33.6720, 0.4028, 0.3633



33.6720, 0.2411, 0.3234

Square

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



33.6720, 0.4028, 0.3633



33.6720, 0.3126, 0.4014



33.6720, 0.2302, 0.2849



33.6720, 0.3077, 0.2685

Rectangle

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



33.6720, 0.4028, 0.3633



33.6720, 0.3694, 0.4071



33.6720, 0.2302, 0.2849



33.6720, 0.2554, 0.2567

Sweetspot

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



33.6736, 0.4028, 0.3633



85.4970, 0.3333, 0.3386



28.5202, 0.3444, 0.2557



17.9844, 0.3358, 0.3396



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.



33.6736, 0.4028, 0.3633



50.5936, 0.4322, 0.3707



48.1784, 0.3815, 0.4123



11.1697, 0.3282, 0.3363



10.1828, 0.5913, 0.3687



0.6131, 0.5497, 0.4017

Inverse Universe

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



38.7426, 0.2506, 0.2911



60.4167, 0.2379, 0.2808



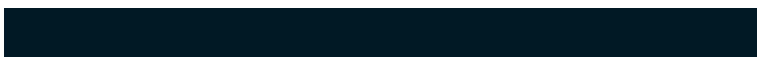
25.2932, 0.2406, 0.2286



11.4858, 0.2984, 0.3216



14.2650, 0.1957, 0.2245



0.8007, 0.2025, 0.2489

Previews

White Background



This preview shows how the Yxy color 33.6720, 0.4028, 0.3633 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 33.6720, 0.4028, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

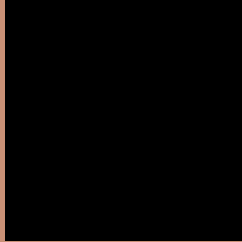
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6720, 0.4028, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 33.6720, 0.4028, 0.3633.



This preview shows how white text looks on a background with the Yxy color 33.6720, 0.4028, 0.3633.

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

33.6720, 0.4028, 0.3633

Protanopia

33.7847, 0.3541, 0.3782

Deuteranopia

33.8567, 0.3839, 0.3765



Tritanopia

33.7955, 0.3723, 0.3163

Trichromacy



Original Color

33.6720, 0.4028, 0.3633

Protanomaly

33.4453, 0.3708, 0.3721

Deuteranomaly

33.5405, 0.3909, 0.3716

Tritanomaly

33.5812, 0.3843, 0.3331

Monochromacy



Original Color

33.6720, 0.4028, 0.3633

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.7643, 0.3439, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6720, 0.4028, 0.3633 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(201, 144, 118)` looks like.

```
.text, #text, p{  
    color:rgb(201, 144, 118)  
}
```

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(201, 144, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 144, 118) }
```

Border

The CSS property to change the border of an element to Yxy 33.6720, 0.4028, 0.3633 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(201, 144, 118) }
```

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

```
.border{ border-color:rgb(201, 144, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 144, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 144, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 144, 118);  
box-shadow:4px 4px 4px 4px rgb(201, 144,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6720, 0.4028, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 144, 118) }
```

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

```
.background{ background-color: rgb(201,  
144, 118) }
```

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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