

Converting Colors

$Yxy(33.5454, 0.3807, 0.3537)$

Have a look what the booklet for
Yxy(33.5454, 0.3807, 0.3537)
contains.

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Color

Yxy(33.6589, 0.3797, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	C09381
RGB	192, 147, 129
RGB Percent	75%, 58%, 51%
CMY	0.2471, 0.4235, 0.4940
CMYK	0.00, 0.23, 0.33, 0.25
HSL	17°, 33%, 63%
HSV	17°, 33%, 75%
XYZ	36.1331, 33.6589, 25.3703
YIQ	158.4030, 32.5980, 3.9420

Conversions

Conversions Part 2

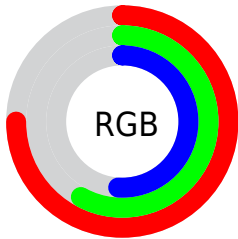
Format	Color
RYB	192, 154, 129
Decimal	12620673
CIELab	64.69, 14.40, 16.05
CIELCh	65, 21.567, 48.100
Yxy	33.6589, 0.3797, 0.3537
Android (android.graphics.Color)	4290810753 (0xFFC09381)
YUV	158.4030, -14.4957, 29.4646
Hunter-Lab	58.0163, 9.6431, 14.6842

Details

The Yxy color **33.6589, 0.3797, 0.3537** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7482, 0.2633, 0.3027**, and the grayscale version is **34.4419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2904, 0.3659, 0.3493**, and **14.2633, 0.4016, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **29.1822, 0.4083, 0.3614**, and if you desaturate by 10%, it is **38.7433, 0.3552, 0.3458**.

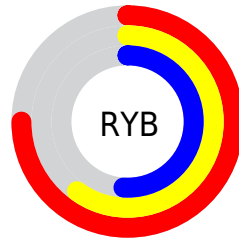
Distribution



Red (75%)

Green (58%)

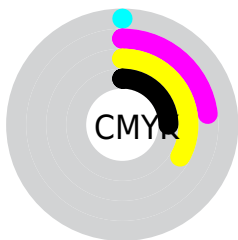
Blue (51%)



Red (75%)

Yellow (60%)

Blue (51%)

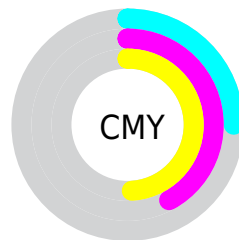


Cyan (0%)

Magenta (23%)

Yellow (33%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6589, 0.3797, 0.3537 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 33.6589, 0.3797, 0.3537 by changing the saturation by 10% instead.


 33.6589, 0.3797,
0.3537


 33.6589, 0.3797,
0.3537


318.6084, 0.3441,
0.3416

 22.6317, 0.3893,
0.3566


 65.4029, 0.3663,
0.3494

 14.3218, 0.4020,
0.3601


 86.8884, 0.3614,
0.3477

 8.3448, 0.4196,
0.3645


 112.6289, 0.3573,
0.3463

 4.3164, 0.4454,
0.3699

143.0086, 0.3538,
0.3451

 1.8521, 0.4898,
0.3779

178.4120, 0.3509,
0.3441

 0.5193, 0.6194,
0.3806


219.2236, 0.3483,


 0.0000, 0.0000,

0.3431

0.0000


265.8275, 0.3461,
0.3423


 33.6589, 0.3797,
0.3537


 33.6589, 0.3797,
0.3537


 29.1822, 0.4083,
0.3614


 38.7433, 0.3552,
0.3458


 25.2853, 0.4409,
0.3683


 44.4525, 0.3345,
0.3382


 21.9449, 0.4769,
0.3734


 50.8089, 0.3171,
0.3309


 19.1346, 0.5145,
0.3758


 57.8322, 0.3024,
0.3242


 16.8250, 0.5507,
0.3741

 65.5414, 0.2901,
0.3181

 14.9841, 0.5816,
0.3679

 73.9546, 0.2797,
0.3124

 13.9212, 0.6001,
0.3617

 82.5353, 0.2751,
0.3161

 89.9446, 0.2762,
0.3289

Harmonies

Analogous

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



33.6589, 0.3679, 0.3260



33.6589, 0.3797, 0.3537



33.6589, 0.3723, 0.3771

Triad

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



33.6589, 0.3797, 0.3537



33.6589, 0.2838, 0.3603



33.6589, 0.2757, 0.2739

Complementary

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



33.6589, 0.3797, 0.3537



38.7482, 0.2633, 0.3027

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.



33.6589, 0.2556, 0.2795



33.6589, 0.3797, 0.3537



33.6589, 0.2601, 0.3283

Square

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



33.6589, 0.3797, 0.3537



33.6589, 0.3161, 0.3832



33.6589, 0.2501, 0.2987



33.6589, 0.3064, 0.2816

Rectangle

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



33.6589, 0.3797, 0.3537



33.6589, 0.3580, 0.3867



33.6589, 0.2501, 0.2987



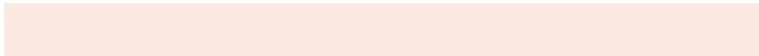
33.6589, 0.2675, 0.2742

Sweetspot

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



33.6605, 0.3797, 0.3537



83.4768, 0.3296, 0.3362



29.9740, 0.3350, 0.2696



17.5695, 0.3322, 0.3373



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



33.6605, 0.3797, 0.3537



55.3405, 0.3988, 0.3590



44.7685, 0.3667, 0.3938



10.5360, 0.3282, 0.3356



9.4856, 0.5978, 0.3635



0.5313, 0.5525, 0.3995

Inverse Universe

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



38.7482, 0.2633, 0.3027



65.8904, 0.2536, 0.2963



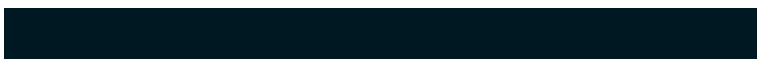
28.0198, 0.2573, 0.2544



10.9265, 0.2984, 0.3223



14.7692, 0.1984, 0.2343



0.7509, 0.2050, 0.2579

Previews

White Background



This preview shows how the Yxy color 33.6589, 0.3797, 0.3537 looks on a white background.

Color Contrast Check

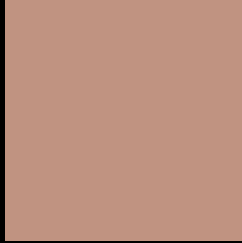
Large Text (above 18pt) WCAG AA × Fail

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 33.6589, 0.3797, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

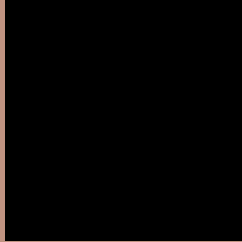
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6589, 0.3797, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 33.6589, 0.3797, 0.3537.



This preview shows how white text looks on a background with the Yxy color 33.6589, 0.3797, 0.3537.

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

33.6589, 0.3797, 0.3537

Protanopia

33.8345, 0.3423, 0.3634

Deuteranopia

33.6368, 0.3683, 0.3617



Tritanopia

33.5801, 0.3574, 0.3145

Trichromacy



Original Color

33.6589, 0.3797, 0.3537

Protanomaly

33.5624, 0.3560, 0.3595

Deuteranomaly

33.8103, 0.3730, 0.3598

Tritanomaly

33.4602, 0.3657, 0.3278

Monochromacy



Original Color

33.6589, 0.3797, 0.3537

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.7638, 0.3356, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6589, 0.3797, 0.3537 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(192, 147, 129)` looks like.

```
.text, #text, p{  
    color:rgb(192, 147, 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(192, 147, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 147, 129) }
```

Border

The CSS property to change the border of an element to Yxy 33.6589, 0.3797, 0.3537 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(192, 147, 129) }
```

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

```
.border{ border-color:rgb(192, 147, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 147, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 147, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 147, 129);  
box-shadow:4px 4px 4px 4px rgb(192, 147,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6589, 0.3797, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 147, 129) }
```

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

```
.background{ background-color: rgb(192,  
147, 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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