

Converting Colors

$Yxy(33.3843, 0.3642, 0.3587)$

Have a look what the booklet for
Yxy(33.3843, 0.3642, 0.3587)
contains.

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Color

Yxy(33.4482, 0.3641, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	B49782
RGB	180, 151, 130
RGB Percent	71%, 59%, 51%
CMY	0.2942, 0.4078, 0.4903
CMYK	0.00, 0.16, 0.28, 0.29
HSL	25°, 25%, 61%
HSV	25°, 28%, 71%
XYZ	33.9139, 33.4482, 25.7824
YIQ	157.2770, 24.0250, -0.3830

Conversions

Conversions Part 2

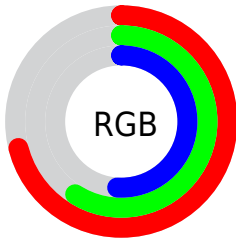
Format	Color
RYB	180, 166, 130
Decimal	11835266
CIELab	64.52, 7.56, 15.10
CIELCh	65, 16.885, 63.409
Yxy	33.4482, 0.3641, 0.3591
Android (android.graphics.Color)	4290025346 (0xFFB49782)
YUV	157.2770, -13.4476, 19.9281
Hunter-Lab	57.8344, 3.4616, 14.0528

Details

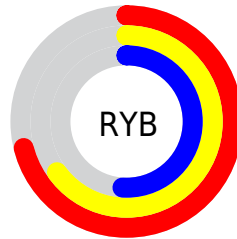
The Yxy color **33.4482, 0.3641, 0.3591** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.8191, 0.2698, 0.2968**, and the grayscale version is **33.9013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9144, 0.3535, 0.3532**, and **14.1440, 0.3801, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **29.7982, 0.3880, 0.3705**, and if you desaturate by 10%, it is **37.4828, 0.3432, 0.3478**.

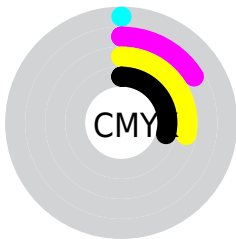
Distribution



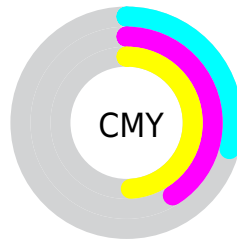
- Red (71%)
- Green (59%)
- Blue (51%)



- Red (71%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (28%)
- Black (29%)





- Cyan (29%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.4482, 0.3641, 0.3591 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 33.4482, 0.3641, 0.3591 by changing the saturation by 10% instead.


 33.4482, 0.3641,
0.3591

 33.4482, 0.3641,
0.3591


317.6645, 0.3368,
0.3437

 22.4700, 0.3714,
0.3630


 65.0747, 0.3538,
0.3534

 14.2027, 0.3811,
0.3681


 86.4917, 0.3501,
0.3513

 8.2618, 0.3946,
0.3748


 112.1572, 0.3469,
0.3495

 4.2629, 0.4145,
0.3841

142.4555, 0.3443,
0.3480

 1.8217, 0.4486,
0.3991

177.7709, 0.3420,
0.3467

 0.5006, 0.5688,
0.4312

218.4880, 0.3401,

 0.0000, 0.0000,

0.3456

0.0000

264.9911, 0.3384,
0.3446

■ 33.4482, 0.3641,
0.3591

■ 33.4482, 0.3641,
0.3591

■ 29.7982, 0.3880,
0.3705

■ 37.4828, 0.3432,
0.3478

■ 26.5160, 0.4147,
0.3813

■ 41.9088, 0.3251,
0.3370

■ 23.5905, 0.4440,
0.3907

■ 46.7386, 0.3094,
0.3268

■ 21.0080, 0.4748,
0.3977

■ 51.9828, 0.2960,
0.3173

■ 18.7537, 0.5055,
0.4009

■ 57.6514, 0.2844,
0.3086

■ 16.8115, 0.5339,
0.3991

■ 63.7541, 0.2744,
0.3007

■ 15.1608, 0.5582,
0.3925

■ 70.2375, 0.2663,
0.2944

■ 14.8284, 0.5635,
0.3908

■ 76.0162, 0.2676,
0.3063

■ 82.1446, 0.2689,
0.3179

Harmonies

Analogous

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



33.4482, 0.3624, 0.3384



33.4482, 0.3641, 0.3591



33.4482, 0.3515, 0.3730

Triad

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



33.4482, 0.3641, 0.3591



33.4482, 0.2793, 0.3412



33.4482, 0.2953, 0.2870

Complementary

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



33.4482, 0.3641, 0.3591



32.8191, 0.2698, 0.2968

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.



33.4482, 0.2744, 0.2862



33.4482, 0.3641, 0.3591



33.4482, 0.2654, 0.3163

Square

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



33.4482, 0.3641, 0.3591



33.4482, 0.3022, 0.3633



33.4482, 0.2637, 0.2964



33.4482, 0.3218, 0.2979

Rectangle

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



33.4482, 0.3641, 0.3591



33.4482, 0.3370, 0.3760



33.4482, 0.2637, 0.2964



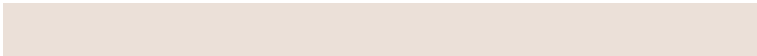
33.4482, 0.2874, 0.2855

Sweetspot

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



33.4497, 0.3641, 0.3591



75.7074, 0.3257, 0.3374



28.1708, 0.3381, 0.2880



16.0953, 0.3282, 0.3390



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



33.4497, 0.3641, 0.3591



56.7508, 0.3775, 0.3657



42.2899, 0.3553, 0.3920



9.0731, 0.3277, 0.3386



10.4789, 0.5614, 0.3924



0.4462, 0.5123, 0.4314

Inverse Universe

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



32.8191, 0.2698, 0.2968



55.4204, 0.2607, 0.2890



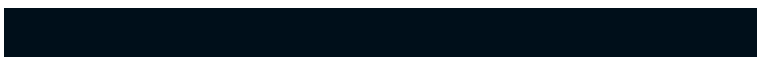
25.1315, 0.2658, 0.2571



9.0205, 0.2986, 0.3192



9.3863, 0.1853, 0.1872



0.4077, 0.1975, 0.2310

Previews

White Background



This preview shows how the Yxy color 33.4482, 0.3641, 0.3591 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 33.4482, 0.3641, 0.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

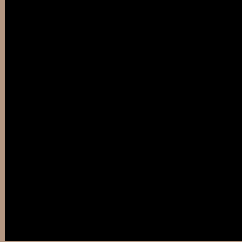
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.4482, 0.3641, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 33.4482, 0.3641, 0.3591.



This preview shows how white text looks on a background with the Yxy color 33.4482, 0.3641, 0.3591.

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

33.4482, 0.3641, 0.3591

Protanopia

33.4697, 0.3436, 0.3634

Deuteranopia

33.5687, 0.3652, 0.3589



Tritanopia

33.4033, 0.3395, 0.3139

Trichromacy



Original Color

33.4482, 0.3641, 0.3591

Protanomaly

33.3232, 0.3504, 0.3615

Deuteranomaly

33.5687, 0.3652, 0.3589

Tritanomaly

33.2630, 0.3485, 0.3291

Monochromacy



Original Color

33.4482, 0.3641, 0.3591

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.5486, 0.3303, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4482, 0.3641, 0.3591 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(180, 151, 130)` looks like.

```
.text, #text, p{  
    color:rgb(180, 151, 130)  
}
```

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(180, 151, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 151, 130) }
```

Border

The CSS property to change the border of an element to Yxy 33.4482, 0.3641, 0.3591 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(180, 151, 130) }
```

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

```
.border{ border-color:rgb(180, 151, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 151, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 151, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 151, 130);  
box-shadow:4px 4px 4px 4px rgb(180, 151,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4482, 0.3641, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 151, 130) }
```

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

```
.background{ background-color: rgb(180,  
151, 130) }
```

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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