

Converting Colors

$Yxy(33.5594, 0.3259, 0.3803)$

Have a look what the booklet for
Yxy(33.5594, 0.3259, 0.3803)
contains.

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Color

Yxy(33.5634, 0.3257, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	92A282
RGB	146, 162, 130
RGB Percent	57%, 64%, 51%
CMY	0.4274, 0.3647, 0.4903
CMYK	0.10, 0.00, 0.20, 0.36
HSL	90°, 15%, 57%
HSV	90°, 20%, 64%
XYZ	28.8053, 33.5634, 26.0724
YIQ	153.5680, 0.7360, -13.3440

Conversions

Conversions Part 2

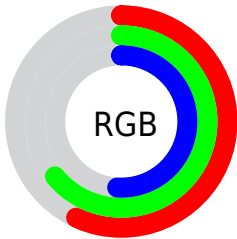
Format	Color
RYB	130, 162, 146
Decimal	9609858
CIELab	64.61, -11.62, 14.80
CIELCh	65, 18.816, 128.156
Yxy	33.5634, 0.3257, 0.3795
Android (android.graphics.Color)	4287799938 (0xFF92A282)
YUV	153.5680, -11.6190, -6.6371
Hunter-Lab	57.9339, -12.6326, 13.8710

Details

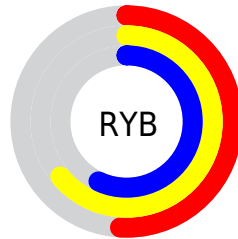
The Yxy color **33.5634, 0.3257, 0.3795** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.6766, 0.2975, 0.2786**, and the grayscale version is **32.1688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3240, 0.3232, 0.3693**, and **14.1788, 0.3285, 0.3954** is the 20% darker color. If you saturate the color by 10%, you get **32.4485, 0.3319, 0.4077**, and if you desaturate by 10%, it is **34.8021, 0.3192, 0.3530**.

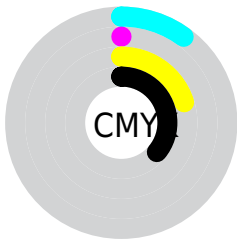
Distribution



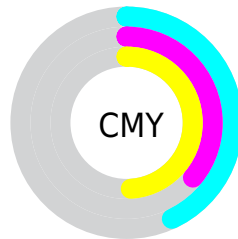
- Red (57%)
- Green (64%)
- Blue (51%)



- Red (51%)
- Yellow (64%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (36%)





- Cyan (43%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5634, 0.3257, 0.3795 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 33.5634, 0.3257, 0.3795 by changing the saturation by 10% instead.


 33.5634, 0.3257,
0.3795


 33.5634, 0.3257,
0.3795

318.1809, 0.3192,
0.3523

 22.5584, 0.3273,
0.3870


 65.2541, 0.3233,
0.3691

 14.2678, 0.3293,
0.3972


 86.7087, 0.3225,
0.3653

 8.3071, 0.3319,
0.4115


 112.4152, 0.3217,
0.3622

 4.2921, 0.3352,
0.4333

142.7580, 0.3211,
0.3596

 1.8383, 0.3406,
0.4725

178.1216, 0.3205,
0.3574

 0.5109, 0.2831,
0.7169

218.8903, 0.3200,

 0.0000, 0.0000,

0.3554

0.0000

265.4486, 0.3196,
0.3538

■ 33.5634, 0.3257,
0.3795

■ 33.5634, 0.3257,
0.3795

■ 32.4485, 0.3319,
0.4077

■ 34.8021, 0.3192,
0.3530

■ 31.4487, 0.3374,
0.4369

■ 36.1644, 0.3126,
0.3284

■ 30.5610, 0.3419,
0.4662

■ 37.6554, 0.3061,
0.3061

■ 29.7805, 0.3449,
0.4944

■ 39.2788, 0.2998,
0.2859

■ 29.1018, 0.3461,
0.5199

■ 41.0381, 0.2939,
0.2678

■ 28.5188, 0.3451,
0.5415

■ 42.9366, 0.2883,
0.2516

■ 28.0249, 0.3421,
0.5580

■ 44.9776, 0.2831,
0.2372

■ 27.6060, 0.3375,
0.5700

■ 46.8656, 0.2814,
0.2284

■ 27.5967, 0.3374,
0.5703

■ 48.0877, 0.2878,
0.2302

Harmonies

Analogous

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



33.5634, 0.3523, 0.3794



33.5634, 0.3257, 0.3795



33.5634, 0.2964, 0.3641

Triad

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



33.5634, 0.3257, 0.3795



33.5634, 0.2594, 0.2901



33.5634, 0.3541, 0.3186

Complementary

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



33.5634, 0.3257, 0.3795



24.6766, 0.2975, 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.



33.5634, 0.3274, 0.2974



33.5634, 0.3257, 0.3795



33.5634, 0.2732, 0.2809

Square

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



33.5634, 0.3257, 0.3795



33.5634, 0.2591, 0.3106



33.5634, 0.2977, 0.2838



33.5634, 0.3695, 0.3431

Rectangle

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



33.5634, 0.3257, 0.3795



33.5634, 0.2794, 0.3473



33.5634, 0.2977, 0.2838



33.5634, 0.3461, 0.3109

Sweetspot

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



33.5649, 0.3257, 0.3795



64.0570, 0.3168, 0.3438



29.6835, 0.3462, 0.3529



14.3535, 0.3172, 0.3453



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



33.5649, 0.3257, 0.3795



59.9568, 0.3287, 0.3926



32.2387, 0.3107, 0.3819



8.0611, 0.3188, 0.3517



21.7669, 0.3380, 0.5698



0.4855, 0.3670, 0.5468

Inverse Universe

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



24.6766, 0.2975, 0.2786



40.6394, 0.2931, 0.2656



26.1947, 0.3144, 0.2811



7.0254, 0.3061, 0.3063



3.4538, 0.2040, 0.0897



0.1007, 0.2455, 0.1126

Previews

White Background



This preview shows how the Yxy color 33.5634, 0.3257, 0.3795 looks on a white background.

Color Contrast Check

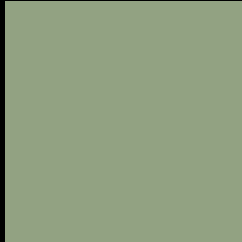
Large Text (above 18pt) WCAG AA × Fail

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 33.5634, 0.3257, 0.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

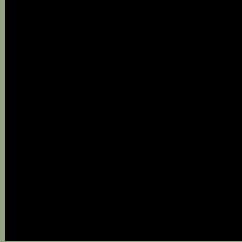
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5634, 0.3257, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 33.5634, 0.3257, 0.3795.



This preview shows how white text looks on a background with the Yxy color 33.5634, 0.3257, 0.3795.

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

33.5634, 0.3257, 0.3795

Protanopia

33.4162, 0.3504, 0.3724

Deuteranopia

33.5025, 0.3621, 0.3562



Tritanopia

33.6539, 0.2974, 0.3112

Trichromacy



Original Color

33.5634, 0.3257, 0.3795

Protanomaly

33.3832, 0.3416, 0.3748

Deuteranomaly

33.4062, 0.3489, 0.3647

Tritanomaly

33.6469, 0.3076, 0.3351

Monochromacy



Original Color

33.5634, 0.3257, 0.3795

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.7376, 0.3177, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5634, 0.3257, 0.3795 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(146, 162, 130)` looks like.

```
.text, #text, p{  
    color:rgb(146, 162, 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(146, 162, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 162, 130) }
```

Border

The CSS property to change the border of an element to Yxy 33.5634, 0.3257, 0.3795 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(146, 162, 130) }
```

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

```
.border{ border-color:rgb(146, 162, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 162, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 162, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 162, 130);  
box-shadow:4px 4px 4px 4px rgb(146, 162,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5634, 0.3257, 0.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 162, 130) }
```

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

```
.background{ background-color: rgb(146,  
162, 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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