

Converting Colors

$Yxy(31.9240, 0.3501, 0.3733)$

Have a look what the booklet for
Yxy(31.9240, 0.3501, 0.3733)
contains.

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Color

Yxy(31.9191, 0.3500, 0.3733)

Conversions

Conversions Part 1

Format	Color
Hex	A2997C
RGB	162, 153, 124
RGB Percent	64%, 60%, 49%
CMY	0.3648, 0.4000, 0.5136
CMYK	0.00, 0.06, 0.23, 0.36
HSL	46°, 17%, 56%
HSV	46°, 23%, 64%
XYZ	29.9268, 31.9191, 23.6593
YIQ	152.3850, 14.6730, -7.1110

Conversions

Conversions Part 2

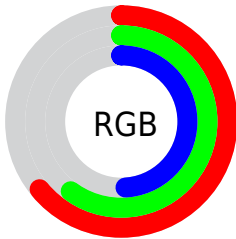
Format	Color
RYB	136, 162, 124
Decimal	10656124
CIELab	63.28, -1.55, 16.44
CIELCh	63, 16.517, 95.389
Yxy	31.9191, 0.3500, 0.3733
Android (android.graphics.Color)	4288846204 (0xFFA2997C)
YUV	152.3850, -13.9938, 8.4324
Hunter-Lab	56.4970, -4.3171, 14.7190

Details

The Yxy color **31.9191, 0.3500, 0.3733** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.6657, 0.2751, 0.2804**, and the grayscale version is **31.6314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5517, 0.3423, 0.3637**, and **13.3257, 0.3625, 0.3879** is the 20% darker color. If you saturate the color by 10%, you get **30.3112, 0.3676, 0.3928**, and if you desaturate by 10%, it is **33.6373, 0.3333, 0.3540**.

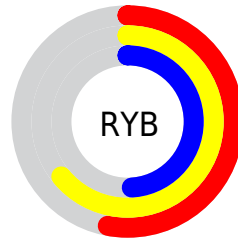
Distribution



Red (64%)

Green (60%)

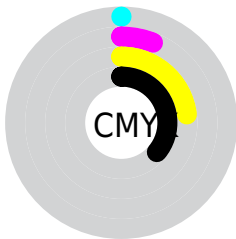
Blue (49%)



Red (53%)

Yellow (64%)

Blue (49%)

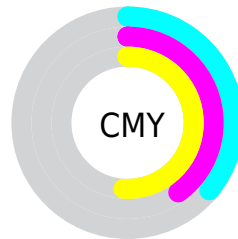


Cyan (0%)

Magenta (6%)

Yellow (23%)

Black (36%)



Cyan (36%)


Magenta (40%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.9191, 0.3500, 0.3733 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 31.9191, 0.3500, 0.3733 by changing the saturation by 10% instead.


 31.9191, 0.3500,
0.3733

 31.9191, 0.3500,
0.3733


310.7506, 0.3303,
0.3497

 21.2997, 0.3553,
0.3797


 62.6842, 0.3426,
0.3644

 13.3433, 0.3622,
0.3881


 83.5988, 0.3399,
0.3611

 7.6653, 0.3718,
0.3999


 108.7138, 0.3376,
0.3584

 3.8816, 0.3857,
0.4171

138.4138, 0.3357,
0.3562

 1.6075, 0.4170,
0.4553

173.0831, 0.3341,
0.3542

 0.3627, 0.4583,
0.5417

213.1060, 0.3326,

 0.0000, 0.0000,

0.3525

0.0000

258.8670, 0.3314,
0.3510

■ 31.9191, 0.3500,
0.3733

■ 31.9191, 0.3500,
0.3733

■ 30.3112, 0.3676,
0.3928

■ 33.6373, 0.3333,
0.3540

■ 28.8058, 0.3857,
0.4117

■ 35.4650, 0.3178,
0.3352

■ 27.4002, 0.4038,
0.4291

■ 37.4068, 0.3035,
0.3174

■ 26.0902, 0.4212,
0.4442

■ 39.4659, 0.2905,
0.3007

■ 24.8711, 0.4371,
0.4560

■ 41.6451, 0.2787,
0.2852

■ 23.7375, 0.4507,
0.4635

■ 43.9472, 0.2682,
0.2710

■ 22.6829, 0.4615,
0.4665

■ 46.3749, 0.2587,
0.2579

■ 22.0235, 0.4677,
0.4668

■ 48.9308, 0.2502,
0.2459

■ 50.6272, 0.2501,
0.2492

Harmonies

Analogous

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



31.9191, 0.3634, 0.3601



31.9191, 0.3500, 0.3733



31.9191, 0.3268, 0.3745

Triad

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



31.9191, 0.3500, 0.3733



31.9191, 0.2652, 0.3148



31.9191, 0.3235, 0.2991

Complementary

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



31.9191, 0.3500, 0.3733



23.6657, 0.2751, 0.2804

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.



31.9191, 0.2971, 0.2877



31.9191, 0.3500, 0.3733



31.9191, 0.2643, 0.2956

Square

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



31.9191, 0.3500, 0.3733



31.9191, 0.2783, 0.3394



31.9191, 0.2757, 0.2862



31.9191, 0.3478, 0.3178

Rectangle

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



31.9191, 0.3500, 0.3733



31.9191, 0.3092, 0.3675



31.9191, 0.2757, 0.2862



31.9191, 0.3145, 0.2944

Sweetspot

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



31.9205, 0.3500, 0.3733



63.1540, 0.3234, 0.3421



23.8071, 0.3481, 0.3142



14.1426, 0.3242, 0.3431



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.



31.9205, 0.3500, 0.3733



56.4545, 0.3589, 0.3833



34.0101, 0.3375, 0.3879



7.9524, 0.3267, 0.3461



17.4248, 0.4672, 0.4672



0.4315, 0.4468, 0.4834

Inverse Universe

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



23.6657, 0.2751, 0.2804



38.8614, 0.2661, 0.2681



22.0567, 0.2839, 0.2666



7.1190, 0.2987, 0.3113



3.2182, 0.1581, 0.0889



0.1347, 0.1762, 0.1544

Previews

White Background



This preview shows how the Yxy color 31.9191, 0.3500, 0.3733 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 31.9191, 0.3500, 0.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

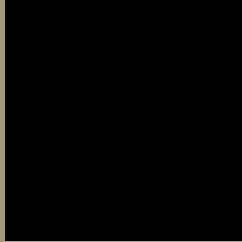
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9191, 0.3500, 0.3733

Background



This preview shows how black text looks on a background with the Yxy color 31.9191, 0.3500, 0.3733.



This preview shows how white text looks on a background with the Yxy color 31.9191, 0.3500, 0.3733.

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

31.9191, 0.3500, 0.3733

Protanopia

31.9191, 0.3500, 0.3733

Deuteranopia

31.8131, 0.3687, 0.3609



Tritanopia

31.8249, 0.3197, 0.3115

Trichromacy



Original Color

31.9191, 0.3500, 0.3733

Protanomaly

31.9191, 0.3500, 0.3733

Deuteranomaly

31.7462, 0.3613, 0.3646

Tritanomaly

31.9186, 0.3311, 0.3335

Monochromacy



Original Color

31.9191, 0.3500, 0.3733

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.4774, 0.3263, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9191, 0.3500, 0.3733 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(162, 153, 124)` looks like.

```
.text, #text, p{  
    color:rgb(162, 153, 124)  
}
```

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(162, 153, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 153, 124) }
```

Border

The CSS property to change the border of an element to Yxy 31.9191, 0.3500, 0.3733 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(162, 153, 124) }
```

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

```
.border{ border-color:rgb(162, 153, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 153, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 153, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 153, 124);  
box-shadow:4px 4px 4px 4px rgb(162, 153,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9191, 0.3500, 0.3733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 153, 124) }
```

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

```
.background{ background-color: rgb(162,  
153, 124) }
```

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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