

Converting Colors

$Yxy(31.9989, 0.3824, 0.3442)$

Have a look what the booklet for
Yxy(31.9989, 0.3824, 0.3442)
contains.

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Color

Yxy(31.9989, 0.3824, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	C18D82
RGB	193, 141, 130
RGB Percent	76%, 55%, 51%
CMY	0.2430, 0.4471, 0.4902
CMYK	0.00, 0.27, 0.33, 0.24
HSL	10°, 34%, 63%
HSV	10°, 33%, 76%
XYZ	35.5502, 31.9989, 25.4169
YIQ	155.2940, 34.5230, 7.6030

Conversions

Conversions Part 2

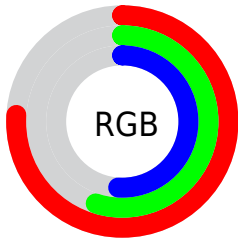
Format	Color
R_{YB}	193, 143, 130
Decimal	12684674
CIE Lab	63.34, 18.26, 13.65
CIE LCh	63, 22.798, 36.783
Yxy	31.9989, 0.3824, 0.3442
Android (android.graphics.Color)	4290874754 (0xFFC18D82)
YUV	155.2940, -12.4699, 33.0682
Hunter-Lab	56.5676, 13.1861, 12.9572

Details

The Yxy color **31.9989, 0.3824, 0.3442** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.0584, 0.2647, 0.3131**, and the grayscale version is **32.9611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9583, 0.3684, 0.3418**, and **13.4795, 0.4054, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **27.1648, 0.4135, 0.3489**, and if you desaturate by 10%, it is **37.6091, 0.3563, 0.3393**.

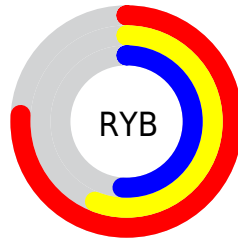
Distribution



Red (76%)

Green (55%)

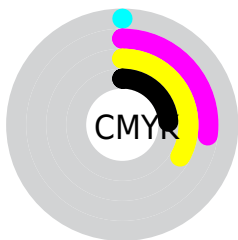
Blue (51%)



Red (76%)

Yellow (56%)

Blue (51%)

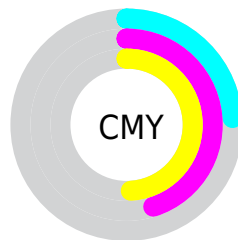


Cyan (0%)

Magenta (27%)

Yellow (33%)

Black (24%)



Cyan (24%)


Magenta (45%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9989, 0.3824, 0.3442 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 31.9989, 0.3824, 0.3442 by changing the saturation by 10% instead.


 31.9989, 0.3824,
0.3442


 31.9989, 0.3824,
0.3442


311.1142, 0.3450,
0.3371


 21.3607, 0.3926,
0.3457

 62.8094, 0.3682,
0.3418

 13.3879, 0.4062,
0.3475


 83.7504, 0.3630,
0.3408

 7.6962, 0.4253,
0.3495


 108.8944, 0.3588,
0.3400

 3.9012, 0.4538,
0.3513

138.6259, 0.3552,
0.3392

 1.6184, 0.5036,
0.3536

173.3293, 0.3521,
0.3386

 0.3700, 0.6831,
0.3169


213.3888, 0.3494,


 0.0000, 0.0000,

0.3380


0.0000


259.1890, 0.3471,
0.3375


 31.9989, 0.3824,
0.3442


 31.9989, 0.3824,
0.3442


 27.1648, 0.4135,
0.3489


 37.6091, 0.3563,
0.3393


 23.0681, 0.4497,
0.3530

 44.0228, 0.3347,
0.3346


 19.6736, 0.4902,
0.3558

 51.2719, 0.3169,
0.3301


 16.9411, 0.5325,
0.3565


 59.3848, 0.3022,
0.3260

 14.8268, 0.5725,
0.3541


 68.3890, 0.2901,
0.3223

 13.2807, 0.6048,
0.3487

 78.3104, 0.2800,
0.3189

 12.4681, 0.6224,
0.3440

 88.5061, 0.2766,
0.3263

 90.0806, 0.2768,
0.3289

Harmonies

Analogous

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



31.9989, 0.3625, 0.3147



31.9989, 0.3824, 0.3442



31.9989, 0.3821, 0.3719

Triad

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



31.9989, 0.3824, 0.3442



31.9989, 0.2940, 0.3739



31.9989, 0.2632, 0.2705

Complementary

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



31.9989, 0.3824, 0.3442



42.0584, 0.2647, 0.3131

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.



31.9989, 0.2474, 0.2819



31.9989, 0.3824, 0.3442



31.9989, 0.2643, 0.3415

Square

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



31.9989, 0.3824, 0.3442



31.9989, 0.3299, 0.3922



31.9989, 0.2477, 0.3073



31.9989, 0.2925, 0.2736

Rectangle

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



31.9989, 0.3824, 0.3442



31.9989, 0.3708, 0.3858



31.9989, 0.2477, 0.3073



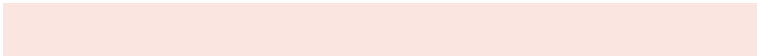
31.9989, 0.2563, 0.2727

Sweetspot

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



32.0004, 0.3824, 0.3442



81.9273, 0.3299, 0.3334



30.7013, 0.3271, 0.2610



17.1966, 0.3326, 0.3341



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.



32.0004, 0.3824, 0.3442



51.1340, 0.4035, 0.3475



42.4614, 0.3694, 0.3846



10.3559, 0.3285, 0.3331



8.3739, 0.6206, 0.3454



0.4515, 0.5806, 0.3772

Inverse Universe

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



42.0584, 0.2647, 0.3131



71.8236, 0.2556, 0.3092



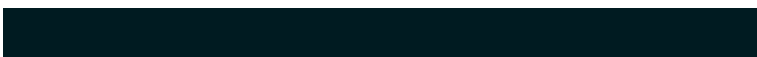
30.7292, 0.2590, 0.2662



11.1195, 0.2984, 0.3249



19.2252, 0.2091, 0.2729



0.9112, 0.2130, 0.2867

Previews

White Background



This preview shows how the Yxy color 31.9989, 0.3824, 0.3442 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 31.9989, 0.3824, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

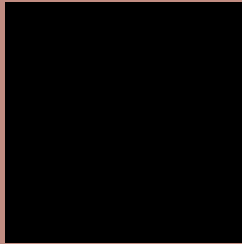
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9989, 0.3824, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 31.9989, 0.3824, 0.3442.



This preview shows how white text looks on a background with the Yxy color 31.9989, 0.3824, 0.3442.

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

31.9989, 0.3824, 0.3442

Protanopia

32.0336, 0.3361, 0.3550

Deuteranopia

32.1119, 0.3630, 0.3566



Tritanopia

31.9490, 0.3643, 0.3144

Trichromacy



Original Color

31.9989, 0.3824, 0.3442

Protanomaly

31.9868, 0.3520, 0.3512

Deuteranomaly

31.9031, 0.3707, 0.3518

Tritanomaly

31.8876, 0.3707, 0.3251

Monochromacy



Original Color

31.9989, 0.3824, 0.3442

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.3230, 0.3363, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9989, 0.3824, 0.3442 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(193, 141, 130)` looks like.

```
.text, #text, p{  
    color:rgb(193, 141, 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(193, 141, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 141, 130) }
```

Border

The CSS property to change the border of an element to Yxy 31.9989, 0.3824, 0.3442 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(193, 141, 130) }
```

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

```
.border{ border-color:rgb(193, 141, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 141, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 141, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 141, 130);  
box-shadow:4px 4px 4px 4px rgb(193, 141,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9989, 0.3824, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 141, 130) }
```

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

```
.background{ background-color: rgb(193,  
141, 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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