

Converting Colors

$Y_{xy}(31.9998, 0.3890, 0.3509)$

Have a look what the booklet for
Yxy(31.9998, 0.3890, 0.3509)
contains.

Yxy(31.9998, 0.3890, 0.3509)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.9998, 0.3890, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	C28D7D
RGB	194, 141, 125
RGB Percent	76%, 55%, 49%
CMY	0.2393, 0.4470, 0.5097
CMYK	0.00, 0.27, 0.36, 0.24
HSL	14°, 36%, 63%
HSV	14°, 36%, 76%
XYZ	35.4743, 31.9998, 23.7194
YIQ	155.0230, 36.7240, 6.2600

Conversions

Conversions Part 2

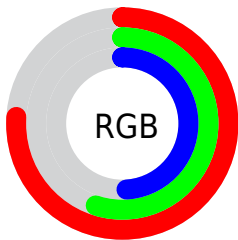
Format	Color
RYB	194, 146, 125
Decimal	12750205
CIELab	63.34, 18.00, 16.46
CIElCh	63, 24.389, 42.438
Yxy	31.9998, 0.3890, 0.3509
Android (android.graphics.Color)	4290940285 (0xFFC28D7D)
YUV	155.0230, -14.8013, 34.1828
Hunter-Lab	56.5684, 12.9435, 14.7372

Details

The Yxy color **31.9998, 0.3890, 0.3509** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1036, 0.2601, 0.3057**, and the grayscale version is **32.8452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9400, 0.3733, 0.3471**, and **13.4929, 0.4152, 0.3569** is the 20% darker color. If you saturate the color by 10%, you get **27.4488, 0.4201, 0.3570**, and if you desaturate by 10%, it is **37.2422, 0.3625, 0.3445**.

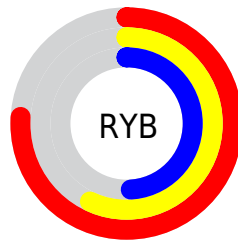
Distribution



Red (76%)

Green (55%)

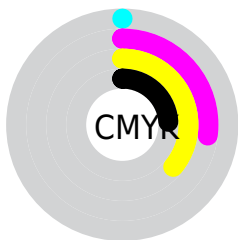
Blue (49%)



Red (76%)

Yellow (57%)

Blue (49%)

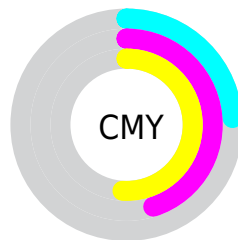


Cyan (0%)

Magenta (27%)

Yellow (36%)

Black (24%)



Cyan (24%)


Magenta (45%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9998, 0.3890, 0.3509 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 31.9998, 0.3890, 0.3509 by changing the saturation by 10% instead.


 31.9998, 0.3890,
0.3509


 31.9998, 0.3890,
0.3509


311.1183, 0.3481,
0.3404


 21.3613, 0.4001,
0.3532


 62.8108, 0.3735,
0.3473

 13.3884, 0.4149,
0.3560


 83.7521, 0.3678,
0.3459

 7.6965, 0.4356,
0.3592


 108.8965, 0.3632,
0.3446

 3.9014, 0.4662,
0.3624

138.6283, 0.3592,
0.3436

 1.6186, 0.5248,
0.3704

173.3320, 0.3558,
0.3426

 0.3701, 0.6813,
0.3187


213.3920, 0.3529,


 0.0000, 0.0000,


0.3418


0.0000


259.1927, 0.3504,
0.3411


 31.9998, 0.3890,
0.3509


 31.9998, 0.3890,
0.3509

 27.4488, 0.4201,
0.3570


 37.2422, 0.3625,
0.3445


 23.5556, 0.4558,
0.3622


 43.1989, 0.3402,
0.3382


 20.2904, 0.4948,
0.3655


 49.8972, 0.3216,
0.3322

 17.6193, 0.5347,
0.3660


 57.3616, 0.3062,
0.3266


 15.5050, 0.5716,
0.3627


 65.6155, 0.2933,
0.3215

 13.9053, 0.6011,
0.3556

 74.6814, 0.2825,
0.3168

 13.3401, 0.6121,
0.3522

 84.1997, 0.2764,
0.3186

 90.2079, 0.2773,
0.3289

Harmonies

Analogous

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



31.9998, 0.3715, 0.3194



31.9998, 0.3890, 0.3509



31.9998, 0.3844, 0.3794

Triad

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



31.9998, 0.3890, 0.3509



31.9998, 0.2859, 0.3715



31.9998, 0.2648, 0.2662

Complementary

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



31.9998, 0.3890, 0.3509



40.1036, 0.2601, 0.3057

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.



31.9998, 0.2450, 0.2752



31.9998, 0.3890, 0.3509



31.9998, 0.2565, 0.3351

Square

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



31.9998, 0.3890, 0.3509



31.9998, 0.3236, 0.3948



31.9998, 0.2420, 0.2995



31.9998, 0.2980, 0.2723

Rectangle

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



31.9998, 0.3890, 0.3509



31.9998, 0.3699, 0.3927



31.9998, 0.2420, 0.2995



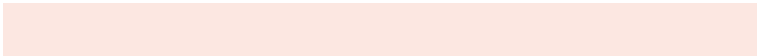
31.9998, 0.2565, 0.2674

Sweetspot

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



32.0013, 0.3890, 0.3509



83.4139, 0.3317, 0.3355



29.4000, 0.3324, 0.2591



17.9045, 0.3343, 0.3363



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



32.0013, 0.3890, 0.3509



51.1824, 0.4140, 0.3559



43.3963, 0.3737, 0.3938



10.4481, 0.3283, 0.3344



8.8774, 0.6099, 0.3540



0.4925, 0.5654, 0.3893

Inverse Universe

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



40.1036, 0.2601, 0.3057



68.0804, 0.2493, 0.2994



28.3767, 0.2531, 0.2541



11.0200, 0.2984, 0.3235



16.8346, 0.2037, 0.2533



0.8262, 0.2089, 0.2721

Previews

White Background



This preview shows how the Yxy color 31.9998, 0.3890, 0.3509 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 31.9998, 0.3890, 0.3509 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 31.9998, 0.3890, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 31.9998, 0.3890, 0.3509.



This preview shows how white text looks on a background with the Yxy color 31.9998, 0.3890, 0.3509.

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

31.9998, 0.3890, 0.3509

Protanopia

32.1025, 0.3431, 0.3625

Deuteranopia

32.2188, 0.3704, 0.3637



Tritanopia

32.0508, 0.3665, 0.3158

Trichromacy



Original Color

31.9998, 0.3890, 0.3509

Protanomaly

32.0785, 0.3594, 0.3584

Deuteranomaly

31.8964, 0.3772, 0.3588

Tritanomaly

31.9608, 0.3741, 0.3278

Monochromacy



Original Color

31.9998, 0.3890, 0.3509

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.2613, 0.3383, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9998, 0.3890, 0.3509 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(194, 141, 125)` looks like.

```
.text, #text, p{  
    color:rgb(194, 141, 125)  
}
```

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(194, 141, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 141, 125) }
```

Border

The CSS property to change the border of an element to Yxy 31.9998, 0.3890, 0.3509 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(194, 141, 125) }
```

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

```
.border{ border-color:rgb(194, 141, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 141, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 141, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 141, 125);  
box-shadow:4px 4px 4px 4px rgb(194, 141,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9998, 0.3890, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 141, 125) }
```

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

```
.background{ background-color: rgb(194,  
141, 125) }
```

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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