

Converting Colors

Yxy(31.0948, 0.3959, 0.3439)

Have a look what the booklet for
Yxy(31.0948, 0.3959, 0.3439)
contains.

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Color

Yxy(31.0948, 0.3959, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	C6887D
RGB	198, 136, 125
RGB Percent	78%, 53%, 49%
CMY	0.2235, 0.4667, 0.5097
CMYK	0.00, 0.31, 0.37, 0.22
HSL	9°, 39%, 63%
HSV	9°, 37%, 78%
XYZ	35.7965, 31.0948, 23.5268
YIQ	153.2840, 40.4830, 9.7230

Conversions

Conversions Part 2

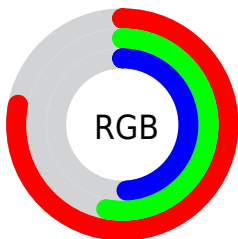
Format	Color
R_{YB}	198, 138, 125
Decimal	13011069
CIE _{Lab}	62.59, 22.34, 15.48
CIE _{LCh}	63, 27.181, 34.721
Yxy	31.0948, 0.3959, 0.3439
Android (android.graphics.Color)	4291201149 (0xFFC6887D)
YUV	153.2840, -13.9440, 39.2159
Hunter-Lab	55.7627, 17.0023, 14.0189

Details

The Yxy color **31.0948, 0.3959, 0.3439** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9933, 0.2594, 0.3133**, and the grayscale version is **32.0358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3013, 0.3774, 0.3417**, and **12.9282, 0.4242, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **26.2669, 0.4299, 0.3478**, and if you desaturate by 10%, it is **36.7703, 0.3672, 0.3397**.

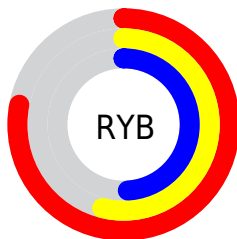
Distribution



Red (78%)

Green (53%)

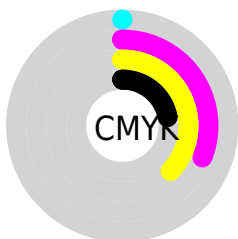
Blue (49%)



Red (78%)

Yellow (54%)

Blue (49%)

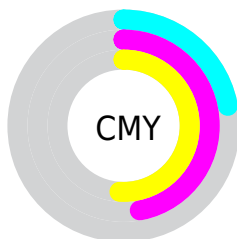


Cyan (0%)

Magenta (31%)

Yellow (37%)

Black (22%)



Cyan (22%)


Magenta (47%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0948, 0.3959, 0.3439 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 31.0948, 0.3959, 0.3439 by changing the saturation by 10% instead.


 31.0948, 0.3959,
0.3439


 31.0948, 0.3959,
0.3439


306.9748, 0.3511,
0.3373

 20.6710, 0.4082,
0.3451


 61.3893, 0.3788,
0.3418

 12.8838, 0.4246,
0.3464


 82.0288, 0.3726,
0.3409

 7.3486, 0.4476,
0.3475


 106.8424, 0.3675,
0.3401

 3.6810, 0.4818,
0.3473

136.2144, 0.3632,
0.3394

 1.4968, 0.5483,
0.3500

170.5293, 0.3595,
0.3388

 0.2865, 0.7406,
0.2594


210.1714, 0.3563,


 0.0000, 0.0000,

0.3382


0.0000


255.5251, 0.3535,
0.3377

 31.0948, 0.3959,
0.3439


 31.0948, 0.3959,
0.3439


 26.2669, 0.4299,
0.3478

 36.7703, 0.3672,
0.3397

 22.2415, 0.4691,
0.3509


 43.3269, 0.3435,
0.3355

 18.9762, 0.5118,
0.3525


 50.8015, 0.3240,
0.3316


 16.4225, 0.5546,
0.3518


 59.2279, 0.3080,
0.3279


 14.5266, 0.5922,
0.3483

 68.6377, 0.2949,
0.3245

 13.2255, 0.6195,
0.3424

 79.0616, 0.2840,
0.3214

 12.9231, 0.6264,
0.3409

 89.9600, 0.2793,
0.3276

 90.7461, 0.2794,
0.3289

Harmonies

Analogous

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



31.0948, 0.3703, 0.3093



31.0948, 0.3959, 0.3439



31.0948, 0.3970, 0.3775

Triad

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



31.0948, 0.3959, 0.3439



31.0948, 0.2927, 0.3860



31.0948, 0.2518, 0.2597

Complementary

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



31.0948, 0.3959, 0.3439



43.9933, 0.2594, 0.3133

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.



31.0948, 0.2345, 0.2739



31.0948, 0.3959, 0.3439



31.0948, 0.2567, 0.3468

Square

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



31.0948, 0.3959, 0.3439



31.0948, 0.3358, 0.4065



31.0948, 0.2361, 0.3048



31.0948, 0.2854, 0.2626

Rectangle

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



31.0948, 0.3959, 0.3439



31.0948, 0.3841, 0.3953



31.0948, 0.2361, 0.3048



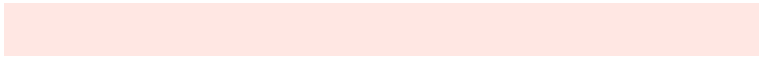
31.0948, 0.2440, 0.2625

Sweetspot

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



31.0963, 0.3959, 0.3439



84.0489, 0.3319, 0.3332



30.2712, 0.3282, 0.2508



17.6001, 0.3346, 0.3338



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.



31.0963, 0.3959, 0.3439



48.2644, 0.4220, 0.3470



43.1688, 0.3784, 0.3905



10.8901, 0.3286, 0.3325



8.4833, 0.6246, 0.3422



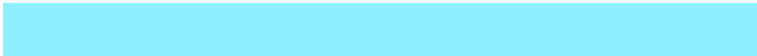
0.4862, 0.5898, 0.3699

Inverse Universe

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



43.9933, 0.2594, 0.3133



74.2667, 0.2498, 0.3094



30.4347, 0.2517, 0.2583



11.7853, 0.2984, 0.3254



21.0190, 0.2114, 0.2810



1.0710, 0.2144, 0.2920

Previews

White Background



This preview shows how the Yxy color 31.0948, 0.3959, 0.3439 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 31.0948, 0.3959, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

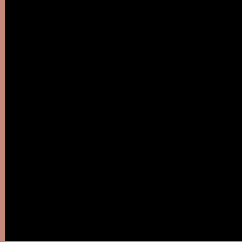
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0948, 0.3959, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 31.0948, 0.3959, 0.3439.



This preview shows how white text looks on a background with the Yxy color 31.0948, 0.3959, 0.3439.

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

31.0948, 0.3959, 0.3439

Protanopia

31.1976, 0.3385, 0.3568

Deuteranopia

31.2179, 0.3690, 0.3627



Tritanopia

31.0376, 0.3784, 0.3160

Trichromacy



Original Color

31.0948, 0.3959, 0.3439

Protanomaly

31.0537, 0.3582, 0.3527

Deuteranomaly

30.9916, 0.3786, 0.3547

Tritanomaly

30.9699, 0.3851, 0.3266

Monochromacy



Original Color

31.0948, 0.3959, 0.3439

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.2856, 0.3400, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0948, 0.3959, 0.3439 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(198, 136, 125)` looks like.

```
.text, #text, p{  
    color:rgb(198, 136, 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(198, 136, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 136, 125) }
```

Border

The CSS property to change the border of an element to Yxy 31.0948, 0.3959, 0.3439 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(198, 136, 125) }
```

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

```
.border{ border-color:rgb(198, 136, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 136, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 136, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 136, 125); box-shadow:4px 4px 4px 4px rgb(198, 136, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0948, 0.3959, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 136, 125) }
```

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

```
.background{ background-color: rgb(198,  
136, 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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