

Converting Colors

Yxy(30.9888, 0.3947, 0.3212)

Have a look what the booklet for
Yxy(30.9888, 0.3947, 0.3212)
contains.

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Color

Yxy(31.0082, 0.3957, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	CF8288
RGB	207, 130, 136
RGB Percent	81%, 51%, 53%
CMY	0.1883, 0.4901, 0.4668
CMYK	0.00, 0.37, 0.34, 0.19
HSL	355°, 44%, 66%
HSV	355°, 37%, 81%
XYZ	38.1528, 31.0082, 27.2575
YIQ	153.7070, 43.9660, 18.1900

Conversions

Conversions Part 2

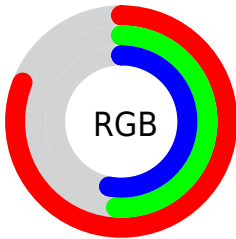
Format	Color
R_{YB}	207, 130, 136
Decimal	13599368
CIE _{Lab}	62.51, 30.41, 9.32
CIE _{LCh}	63, 31.807, 17.041
Yxy	31.0082, 0.3957, 0.3216
Android (android.graphics.Color)	4291789448 (0xFFCF8288)
YUV	153.7070, -8.7296, 46.7380
Hunter-Lab	55.6850, 24.8513, 9.9574

Details

The Yxy color **31.0082, 0.3957, 0.3216** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.5808, 0.2645, 0.3369**, and the grayscale version is **32.2048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2151, 0.3696, 0.3239**, and **12.7479, 0.4246, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **25.5499, 0.4310, 0.3198**, and if you desaturate by 10%, it is **37.6737, 0.3666, 0.3236**.

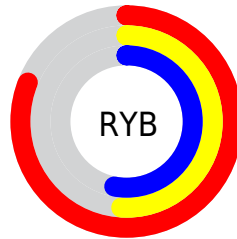
Distribution



Red (81%)

Green (51%)

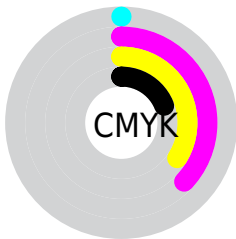
Blue (53%)



Red (81%)

Yellow (51%)

Blue (53%)

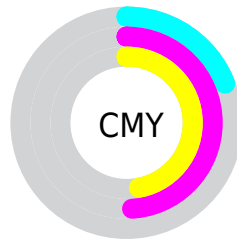


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (19%)



Cyan (19%)


Magenta (49%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0082, 0.3957, 0.3216 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 31.0082, 0.3957, 0.3216 by changing the saturation by 10% instead.

 31.0082, 0.3957,
0.3216


 31.0082, 0.3957,
0.3216


306.5761, 0.3510,
0.3266

 20.6051, 0.4080,
0.3199

 61.2530, 0.3787,
0.3237

 12.8356, 0.4244,
0.3173


 81.8634, 0.3725,
0.3244

 7.3155, 0.4474,
0.3133


 106.6451, 0.3674,
0.3250

 3.6602, 0.4820,
0.3062

135.9825, 0.3631,
0.3254

 1.4853, 0.5392,
0.2922

170.2599, 0.3594,
0.3258

 0.2784, 0.7853,
0.2147


209.8617, 0.3562,

 0.0000, 0.0000,


0.3261

0.0000


255.1723, 0.3535,
0.3263

 31.0082, 0.3957,
0.3216

 31.0082, 0.3957,
0.3216


 25.5499, 0.4310,
0.3198

 37.6737, 0.3666,
0.3236


 21.2224, 0.4722,
0.3185


 45.6079, 0.3429,
0.3257


 17.9476, 0.5175,
0.3182


 54.8734, 0.3240,
0.3277


 15.6356, 0.5627,
0.3192


 65.5275, 0.3088,
0.3295


 14.1814, 0.6013,
0.3218

 77.6241, 0.2965,
0.3312

 13.4446, 0.6273,
0.3253

 91.2141, 0.2866,
0.3327

 13.2998, 0.6326,
0.3258

 92.0023, 0.2843,
0.3289

Harmonies

Analogous

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



31.0082, 0.3526, 0.2852



31.0082, 0.3957, 0.3216



31.0082, 0.4144, 0.3619

Triad

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



31.0082, 0.3957, 0.3216



31.0082, 0.3181, 0.4145



31.0082, 0.2279, 0.2556

Complementary

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



31.0082, 0.3957, 0.3216



53.5808, 0.2645, 0.3369

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.



31.0082, 0.2206, 0.2831



31.0082, 0.3957, 0.3216



31.0082, 0.2701, 0.3791

Square

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



31.0082, 0.3957, 0.3216



31.0082, 0.3670, 0.4199



31.0082, 0.2352, 0.3283



31.0082, 0.2558, 0.2481

Rectangle

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



31.0082, 0.3957, 0.3216



31.0082, 0.4100, 0.3872



31.0082, 0.2352, 0.3283



31.0082, 0.2231, 0.2625

Sweetspot

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



31.0097, 0.3957, 0.3216



81.8347, 0.3310, 0.3269



32.8318, 0.3106, 0.2360



17.0775, 0.3336, 0.3266



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.



31.0097, 0.3957, 0.3216



42.2634, 0.4248, 0.3201



40.7455, 0.3875, 0.3698



11.8229, 0.3279, 0.3272



8.3869, 0.6309, 0.3249



0.4742, 0.6032, 0.3096

Inverse Universe

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



31.0097, 0.3957, 0.3216



42.2634, 0.4248, 0.3201



39.8772, 0.2547, 0.2838



11.8229, 0.3279, 0.3272



8.3869, 0.6309, 0.3249



0.4742, 0.6032, 0.3096

Previews

White Background



This preview shows how the Yxy color 31.0082, 0.3957, 0.3216 looks on a white background.

Color Contrast Check

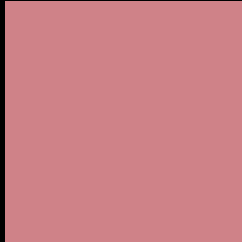
Large Text (above 18pt) WCAG AA × Fail

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 31.0082, 0.3957, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

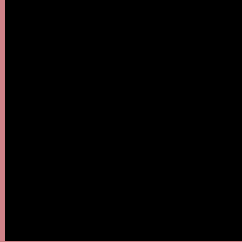
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0082, 0.3957, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 31.0082, 0.3957, 0.3216.



This preview shows how white text looks on a background with the Yxy color 31.0082, 0.3957, 0.3216.

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

31.0082, 0.3957, 0.3216

Protanopia

31.2084, 0.3206, 0.3352

Deuteranopia

31.1355, 0.3551, 0.3482



Tritanopia

31.0947, 0.3921, 0.3177

Trichromacy



Original Color

31.0082, 0.3957, 0.3216

Protanomaly

30.6268, 0.3464, 0.3291

Deuteranomaly

30.7917, 0.3694, 0.3376

Tritanomaly

31.0656, 0.3933, 0.3190

Monochromacy



Original Color

31.0082, 0.3957, 0.3216

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.2416, 0.3406, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0082, 0.3957, 0.3216 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(207, 130, 136)` looks like.

```
.text, #text, p{  
    color:rgb(207, 130, 136)  
}
```

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(207, 130, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 130, 136) }
```

Border

The CSS property to change the border of an element to Yxy 31.0082, 0.3957, 0.3216 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(207, 130, 136) }
```

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

```
.border{ border-color:rgb(207, 130, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 130, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 130, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 130, 136);  
box-shadow:4px 4px 4px 4px rgb(207, 130,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0082, 0.3957, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 130, 136) }
```

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

```
.background{ background-color: rgb(207,  
130, 136) }
```

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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