

Converting Colors

$Yxy(29.0891, 0.3662, 0.3388)$

Have a look what the booklet for
Yxy(29.0891, 0.3662, 0.3388)
contains.

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Color

Yxy(28.9950, 0.3659, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	B28983
RGB	178, 137, 131
RGB Percent	70%, 54%, 51%
CMY	0.3021, 0.4627, 0.4862
CMYK	0.00, 0.23, 0.26, 0.30
HSL	8°, 23%, 61%
HSV	8°, 26%, 70%
XYZ	31.3977, 28.9950, 25.4167
YIQ	148.5750, 26.3620, 6.8260

Conversions

Conversions Part 2

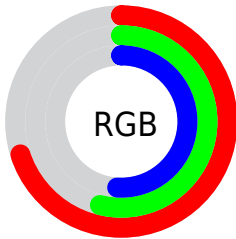
Format	Color
RYB	178, 138, 131
Decimal	11700611
CIELab	60.78, 14.70, 9.23
CIElCh	61, 17.360, 32.118
Yxy	28.9950, 0.3659, 0.3379
Android (android.graphics.Color)	4289890691 (0xFFB28983)
YUV	148.5750, -8.6645, 25.8057
Hunter-Lab	53.8470, 9.8493, 9.7070

Details

The Yxy color **28.9950, 0.3659, 0.3379** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.5291, 0.2739, 0.3199**, and the grayscale version is **29.8960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2147, 0.3543, 0.3369**, and **11.7107, 0.3839, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **24.4542, 0.3944, 0.3415**, and if you desaturate by 10%, it is **34.2561, 0.3424, 0.3344**.

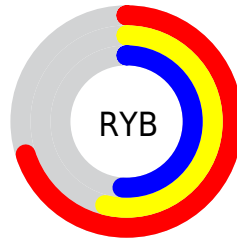
Distribution



Red (70%)

Green (54%)

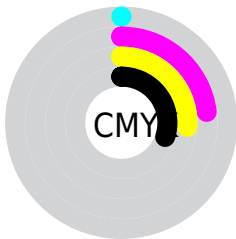
Blue (51%)



Red (70%)

Yellow (54%)

Blue (51%)

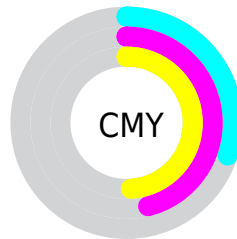


Cyan (0%)

Magenta (23%)

Yellow (26%)

Black (30%)



Cyan (30%)


Magenta (46%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9950, 0.3659, 0.3379 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 28.9950, 0.3659, 0.3379 by changing the saturation by 10% instead.


 28.9950, 0.3659,
0.3379


 28.9950, 0.3659,
0.3379


297.1914, 0.3370,
0.3336

 19.0770, 0.3740,
0.3389


 58.0691, 0.3548,
0.3364

 11.7260, 0.3850,
0.3400


 77.9941, 0.3508,
0.3358

 6.5574, 0.4006,
0.3413


 102.0235, 0.3475,
0.3353

 3.1869, 0.4248,
0.3425

130.5418, 0.3447,
0.3349

 1.2300, 0.4707,
0.3456

163.9333, 0.3423,
0.3345

 0.0860, 0.8367,
0.1633


202.5825, 0.3403,


 0.0000, 0.0000,

0.3342


0.0000


246.8737, 0.3385,
0.3339

 28.9950, 0.3659,
0.3379

 28.9950, 0.3659,
0.3379


 24.4542, 0.3944,
0.3415


 34.2561, 0.3424,
0.3344


 20.5985, 0.4283,
0.3448


 40.2627, 0.3231,
0.3310


 17.3957, 0.4676,
0.3475

 47.0438, 0.3074,
0.3279

 14.8094, 0.5106,
0.3489

 54.6258, 0.2945,
0.3251

 12.7998, 0.5540,
0.3483

 63.0335, 0.2838,
0.3225

■ 11.3221, 0.5924,
0.3454

■ 72.2909, 0.2750,
0.3202

■ 10.3241, 0.6204,
0.3405

■ 82.3831, 0.2679,
0.3187

■ 10.0652, 0.6285,
0.3391

■ 88.2014, 0.2691,
0.3289

Harmonies

Analogous

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



28.9950, 0.3483, 0.3144



28.9950, 0.3659, 0.3379



28.9950, 0.3684, 0.3604

Triad

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



28.9950, 0.3659, 0.3379



28.9950, 0.3025, 0.3670



28.9950, 0.2707, 0.2832

Complementary

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



28.9950, 0.3659, 0.3379



37.5291, 0.2739, 0.3199

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.



28.9950, 0.2598, 0.2945



28.9950, 0.3659, 0.3379



28.9950, 0.2776, 0.3432

Square

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



28.9950, 0.3659, 0.3379



28.9950, 0.3310, 0.3791



28.9950, 0.2623, 0.3162



28.9950, 0.2928, 0.2836

Rectangle

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



28.9950, 0.3659, 0.3379



28.9950, 0.3612, 0.3720



28.9950, 0.2623, 0.3162



28.9950, 0.2657, 0.2857

Sweetspot

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



28.9963, 0.3659, 0.3379



71.0337, 0.3262, 0.3316



28.6935, 0.3214, 0.2715



15.3646, 0.3290, 0.3321



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



28.9963, 0.3659, 0.3379



47.3716, 0.3828, 0.3401



36.2307, 0.3578, 0.3702



8.6748, 0.3284, 0.3320



7.2578, 0.6272, 0.3402



0.2839, 0.5875, 0.3717

Inverse Universe

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



37.5291, 0.2739, 0.3199



65.6116, 0.2656, 0.3175



29.5370, 0.2706, 0.2840



9.4423, 0.2986, 0.3260



19.1909, 0.2135, 0.2887



0.6553, 0.2169, 0.3009

Previews

White Background



This preview shows how the Yxy color 28.9950, 0.3659, 0.3379 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9950, 0.3659, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

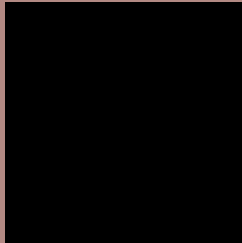
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9950, 0.3659, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 28.9950, 0.3659, 0.3379.



This preview shows how white text looks on a background with the Yxy color 28.9950, 0.3659, 0.3379.

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

28.9950, 0.3659, 0.3379

Protanopia

29.0107, 0.3290, 0.3449

Deuteranopia

29.1732, 0.3528, 0.3473



Tritanopia

29.0756, 0.3530, 0.3148

Trichromacy



Original Color

28.9950, 0.3659, 0.3379

Protanomaly

28.9432, 0.3416, 0.3430

Deuteranomaly

29.0258, 0.3580, 0.3441

Tritanomaly

29.0855, 0.3572, 0.3234

Monochromacy



Original Color

28.9950, 0.3659, 0.3379

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.6774, 0.3317, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9950, 0.3659, 0.3379 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(178, 137, 131)` looks like.

```
.text, #text, p{  
    color:rgb(178, 137, 131)  
}
```

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(178, 137, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 137, 131) }
```

Border

The CSS property to change the border of an element to Yxy 28.9950, 0.3659, 0.3379 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(178, 137, 131) }
```

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

```
.border{ border-color:rgb(178, 137, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 137, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 137, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 137, 131);  
box-shadow:4px 4px 4px 4px rgb(178, 137,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9950, 0.3659, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 137, 131) }
```

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

```
.background{ background-color: rgb(178,  
137, 131) }
```

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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