

Converting Colors

Yxy(52.0425, 0.3275, 0.3140)

Have a look what the booklet for
Yxy(52.0425, 0.3275, 0.3140)
contains.

Yxy(51.9986, 0.3279, 0.3137)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.9986, 0.3279, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	D5B7C4
RGB	213, 183, 196
RGB Percent	84%, 72%, 77%
CMY	0.1645, 0.2824, 0.2313
CMYK	0.00, 0.14, 0.08, 0.16
HSL	334°, 26%, 78%
HSV	334°, 14%, 84%
XYZ	54.3524, 51.9986, 59.4080
YIQ	193.4520, 13.7070, 10.4030

Conversions

Conversions Part 2

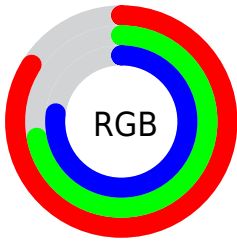
Format	Color
R _Y B	213, 183, 196
Decimal	14006212
CIE Lab	77.28, 12.95, -2.60
CIE LCh	77, 13.204, 348.644
Yxy	51.9986, 0.3279, 0.3137
Android (android.graphics.Color)	4292196292 (0xFFD5B7C4)
YUV	193.4520, 1.2562, 17.1436
Hunter-Lab	72.1101, 8.3504, 1.6308

Details

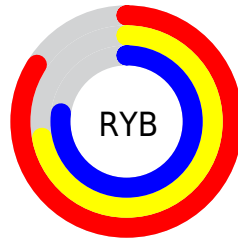
The Yxy color $51.9986, 0.3279, 0.3137$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.8550, 0.2997, 0.3448$, and the grayscale version is $53.5997, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.0849, 0.3147, 0.3155$, and $25.1874, 0.3322, 0.3102$ is the 20% darker color. If you saturate the color by 10%, you get $43.3402, 0.3414, 0.3022$, and if you desaturate by 10%, it is $62.0362, 0.3167, 0.3247$.

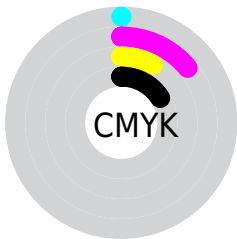
Distribution



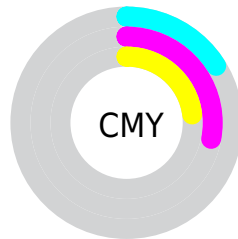
- Red (84%)
- Green (72%)
- Blue (77%)



- Red (84%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (16%)




- Cyan (16%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9986, 0.3279, 0.3137 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 51.9986, 0.3279, 0.3137 by changing the saturation by 10% instead.


 51.9986, 0.3279,
0.3137

 51.9986, 0.3279,
0.3137


394.4312, 0.3205,
0.3211

 37.0040, 0.3297,
0.3119


 93.1292, 0.3252,
0.3164

 25.2106, 0.3320,
0.3096


120.0339, 0.3242,
0.3174

 16.2340, 0.3350,
0.3067


151.6774, 0.3234,
0.3182

 9.6899, 0.3391,
0.3026

188.4442, 0.3226,
0.3190

 5.1938, 0.3450,
0.2968

230.7185, 0.3220,
0.3196

 2.3614, 0.3544,
0.2877

278.8849, 0.3214,

 0.8059, 0.3718,

0.3202

0.2710

333.3277, 0.3209,
0.3207

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9986, 0.3279,
0.3137

51.9986, 0.3279,
0.3137

43.3402, 0.3414,
0.3022

62.0362, 0.3167,
0.3247

35.9934, 0.3578,
0.2905

73.5028, 0.3075,
0.3350

29.8953, 0.3771,
0.2791

86.4545, 0.3000,
0.3445

24.9751, 0.3998,
0.2689

92.2251, 0.2934,
0.3400

■ 21.1546, 0.4254,
0.2609

■ 92.8952, 0.2878,
0.3289

■ 18.3465, 0.4534,
0.2564

■ 16.4495, 0.4824,
0.2566

■ 15.3409, 0.5104,
0.2622

■ 14.9342, 0.5262,
0.2673

Harmonies

Analogous

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



51.9986, 0.3100, 0.3032



51.9986, 0.3279, 0.3137



51.9986, 0.3419, 0.3282

Triad

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



51.9986, 0.3279, 0.3137



51.9986, 0.3319, 0.3604



51.9986, 0.2787, 0.3132

Complementary

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



51.9986, 0.3279, 0.3137



61.8550, 0.2997, 0.3448

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.



51.9986, 0.2842, 0.3288



51.9986, 0.3279, 0.3137



51.9986, 0.3146, 0.3568

Square

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



51.9986, 0.3279, 0.3137



51.9986, 0.3442, 0.3552



51.9986, 0.2973, 0.3450



51.9986, 0.2820, 0.3025

Rectangle

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



51.9986, 0.3279, 0.3137



51.9986, 0.3470, 0.3384



51.9986, 0.2973, 0.3450



51.9986, 0.2796, 0.3180

Sweetspot

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



52.0009, 0.3279, 0.3137



93.2973, 0.3166, 0.3248



50.8805, 0.3033, 0.2932



19.7081, 0.3174, 0.3239



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.



52.0009, 0.3279, 0.3137



73.9102, 0.3318, 0.3102



52.0562, 0.3384, 0.3309



12.5093, 0.3224, 0.3189



9.1363, 0.5226, 0.2653



0.5675, 0.4792, 0.2414

Inverse Universe

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



52.0009, 0.3279, 0.3137



73.9102, 0.3318, 0.3102



61.7377, 0.2913, 0.3271



12.5093, 0.3224, 0.3189



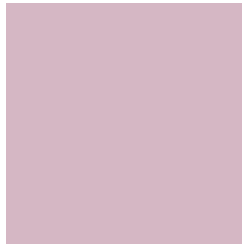
9.1363, 0.5226, 0.2653



0.5675, 0.4792, 0.2414

Previews

White Background



This preview shows how the Yxy color 51.9986, 0.3279, 0.3137 looks on a white background.

Color Contrast Check

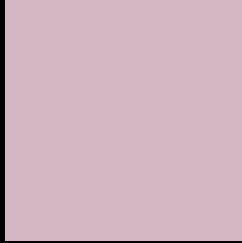
Large Text (above 18pt) WCAG AA × Fail

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 51.9986, 0.3279, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

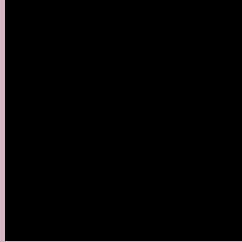
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9986, 0.3279, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 51.9986, 0.3279, 0.3137.



This preview shows how white text looks on a background with the Yxy color 51.9986, 0.3279, 0.3137.

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

51.9986, 0.3279, 0.3137

Protanopia

52.2035, 0.3068, 0.3167

Deuteranopia

51.9488, 0.3226, 0.3159



Tritanopia

52.0443, 0.3270, 0.3126

Trichromacy



Original Color

51.9986, 0.3279, 0.3137

Protanomaly

51.9435, 0.3142, 0.3145

Deuteranomaly

51.8218, 0.3243, 0.3148

Tritanomaly

52.0443, 0.3270, 0.3126

Monochromacy



Original Color

51.9986, 0.3279, 0.3137

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.5696, 0.3179, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9986, 0.3279, 0.3137 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(213, 183, 196)` looks like.

```
.text, #text, p{  
    color:rgb(213, 183, 196)  
}
```

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(213, 183, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 183, 196) }
```

Border

The CSS property to change the border of an element to Yxy 51.9986, 0.3279, 0.3137 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(213, 183, 196) }
```

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

```
.border{ border-color:rgb(213, 183, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 183, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 183, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 183, 196);  
box-shadow:4px 4px 4px 4px rgb(213, 183,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9986, 0.3279, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 183, 196) }
```

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

```
.background{ background-color: rgb(213,  
183, 196) }
```

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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