

Converting Colors

$Yxy(47.0588, 0.3280, 0.3533)$

Have a look what the booklet for
Yxy(47.0588, 0.3280, 0.3533)
contains.

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Color

Yxy(47.1879, 0.3279, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	B8B8A5
RGB	184, 184, 165
RGB Percent	72%, 72%, 65%
CMY	0.2782, 0.2785, 0.3529
CMYK	0.00, 0.00, 0.10, 0.28
HSL	60°, 12%, 68%
HSV	60°, 10%, 72%
XYZ	43.7088, 47.1879, 42.4025
YIQ	181.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

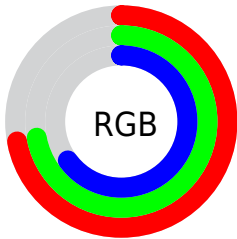
Format	Color
RYB	165, 184, 165
Decimal	12105893
CIELab	74.31, -3.33, 9.65
CIELCh	74, 10.214, 109.040
Yxy	47.1879, 0.3279, 0.3540
Android (android.graphics.Color)	4290295973 (0xFFB8B8A5)
YUV	181.8340, -8.2992, 1.8996
Hunter-Lab	68.6934, -6.6362, 11.4874

Details

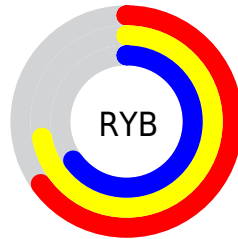
The Yxy color $47.1879, 0.3279, 0.3540$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $38.3977, 0.2968, 0.3027$, and the grayscale version is $46.7325, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.0127, 0.3251, 0.3495$, and $22.2501, 0.3324, 0.3615$ is the 20% darker color. If you saturate the color by 10%, you get $46.5408, 0.3429, 0.3787$, and if you desaturate by 10%, it is $47.9356, 0.3132, 0.3298$.

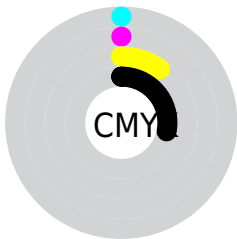
Distribution



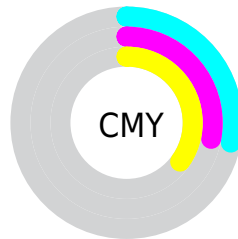
- Red (72%)
- Green (72%)
- Blue (65%)



- Red (65%)
- Yellow (72%)
- Blue (65%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)





- Cyan (28%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1879, 0.3279, 0.3540 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 47.1879, 0.3279, 0.3540 by changing the saturation by 10% instead.


 47.1879, 0.3279,
0.3540

 47.1879, 0.3279,
0.3540


375.5641, 0.3204,
0.3414

 33.1842, 0.3298,
0.3572


 85.9940, 0.3252,
0.3494

 22.2676, 0.3321,
0.3612


 111.5653, 0.3242,
0.3477

 14.0537, 0.3353,
0.3667


141.7612, 0.3233,
0.3463

 8.1580, 0.3396,
0.3743


176.9661, 0.3225,
0.3450

 4.1962, 0.3460,
0.3858

217.5644, 0.3219,
0.3439

 1.7839, 0.3562,
0.4049

263.9406, 0.3213,

 0.4771, 0.4382,

0.3430

0.5618

316.4790, 0.3208,
0.3422

0.0000, 0.0000,
0.0000

47.1879, 0.3279,
0.3540

47.1879, 0.3279,
0.3540

46.5408, 0.3429,
0.3787

47.9356, 0.3132,
0.3298

45.9839, 0.3579,
0.4034

48.7816, 0.2992,
0.3067

45.5151, 0.3723,
0.4270

49.7316, 0.2860,
0.2850

45.1295, 0.3856,
0.4488

50.7890, 0.2739,
0.2650

44.8219, 0.3971,
0.4678

51.8256, 0.2639,
0.2485

■ 44.5865, 0.4065,
0.4831

■ 51.8522, 0.2639,
0.2486

■ 44.4168, 0.4134,
0.4943

■ 51.8787, 0.2639,
0.2486

■ 44.3049, 0.4177,
0.5012

■ 51.9052, 0.2639,
0.2487

■ 44.2366, 0.4199,
0.5048

■ 51.9318, 0.2639,
0.2488

Harmonies

Analogous

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



47.1879, 0.3377, 0.3501



47.1879, 0.3279, 0.3540



47.1879, 0.3141, 0.3509

Triad

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



47.1879, 0.3279, 0.3540



47.1879, 0.2854, 0.3164



47.1879, 0.3251, 0.3169

Complementary

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



47.1879, 0.3279, 0.3540



38.3977, 0.2968, 0.3027

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.



47.1879, 0.3108, 0.3083



47.1879, 0.3279, 0.3540



47.1879, 0.2882, 0.3078

Square

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



47.1879, 0.3279, 0.3540



47.1879, 0.2898, 0.3288



47.1879, 0.2973, 0.3049



47.1879, 0.3361, 0.3286

Rectangle

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



47.1879, 0.3279, 0.3540



47.1879, 0.3046, 0.3453



47.1879, 0.2973, 0.3049



47.1879, 0.3205, 0.3135

Sweetspot

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



47.1900, 0.3279, 0.3540



86.4570, 0.3171, 0.3363



39.8367, 0.3304, 0.3286



18.6144, 0.3183, 0.3382



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



47.1900, 0.3279, 0.3540



85.2580, 0.3307, 0.3586



46.1165, 0.3199, 0.3547



10.4979, 0.3264, 0.3515



30.4698, 0.4199, 0.5048



1.0759, 0.4198, 0.5049

Inverse Universe

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



38.3977, 0.2968, 0.3027



66.7191, 0.2937, 0.2976



39.3972, 0.3050, 0.3033



8.7243, 0.2984, 0.3055



2.3968, 0.1501, 0.0603



0.0862, 0.1504, 0.0614

Previews

White Background



This preview shows how the Yxy color 47.1879, 0.3279, 0.3540 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 47.1879, 0.3279, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

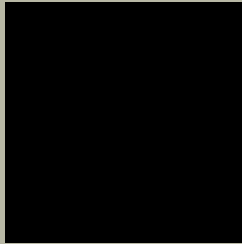
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

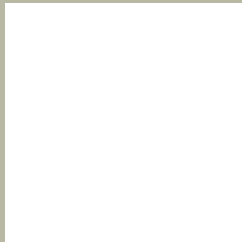
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1879, 0.3279, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 47.1879, 0.3279, 0.3540.



This preview shows how white text looks on a background with the Yxy color 47.1879, 0.3279, 0.3540.

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

47.1879, 0.3279, 0.3540

Protanopia

47.0834, 0.3343, 0.3524

Deuteranopia

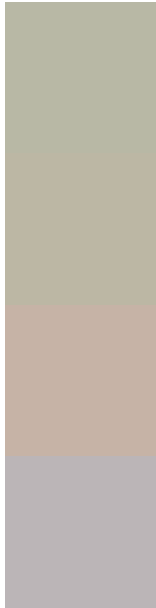
46.9625, 0.3475, 0.3403



Tritanopia

47.2289, 0.3085, 0.3113

Trichromacy



Original Color

47.1879, 0.3279, 0.3540

Protanomaly

47.2387, 0.3324, 0.3538

Deuteranomaly

46.9991, 0.3404, 0.3456

Tritanomaly

47.0314, 0.3163, 0.3264

Monochromacy



Original Color

47.1879, 0.3279, 0.3540

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.0688, 0.3183, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1879, 0.3279, 0.3540 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(184, 184, 165)` looks like.

```
.text, #text, p{  
    color:rgb(184, 184, 165)  
}
```

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(184, 184, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 184, 165) }
```

Border

The CSS property to change the border of an element to Yxy 47.1879, 0.3279, 0.3540 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(184, 184, 165) }
```

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

```
.border{ border-color:rgb(184, 184, 165) }
```

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

Here you see how a box with a 4 pixel rgb(184, 184, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 184, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 184, 165);  
box-shadow:4px 4px 4px 4px rgb(184, 184,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1879, 0.3279, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 184, 165) }
```

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

```
.background{ background-color: rgb(184,  
184, 165) }
```

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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