

Converting Colors

$Y_{xy}(42.4283, 0.3542, 0.3878)$

Have a look what the booklet for
Yxy(42.4283, 0.3542, 0.3878)
contains.

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Color

Yxy(42.5679, 0.3537, 0.3879)

Conversions

Conversions Part 1

Format	Color
Hex	B5B085
RGB	181, 176, 133
RGB Percent	71%, 69%, 52%
CMY	0.2902, 0.3098, 0.4785
CMYK	0.00, 0.03, 0.27, 0.29
HSL	54°, 24%, 62%
HSV	54°, 27%, 71%
XYZ	38.8148, 42.5679, 28.3567
YIQ	172.5930, 16.7830, -12.3130

Conversions

Conversions Part 2

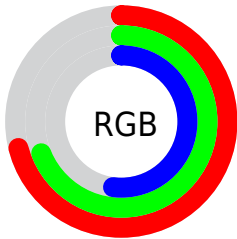
Format	Color
R_{YB}	139, 181, 133
Decimal	11907205
CIE _{Lab}	71.26, -5.17, 22.73
CIE _{LCh}	71, 23.309, 102.808
Yxy	42.5679, 0.3537, 0.3879
Android (android.graphics.Color)	4290097285 (0xFFB5B085)
YUV	172.5930, -19.5193, 7.3729
Hunter-Lab	65.2441, -7.9845, 19.9020

Details

The Yxy color **42.5679, 0.3537, 0.3879** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.4954, 0.2683, 0.2623**, and the grayscale version is **41.6666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2629, 0.3462, 0.3777**, and **19.6290, 0.3655, 0.4061** is the 20% darker color. If you saturate the color by 10%, you get **41.3781, 0.3698, 0.4101**, and if you desaturate by 10%, it is **43.8580, 0.3378, 0.3653**.

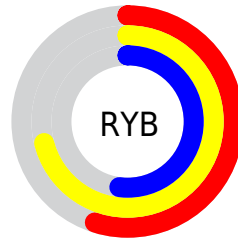
Distribution



Red (71%)

Green (69%)

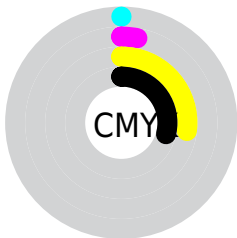
Blue (52%)



Red (55%)

Yellow (71%)

Blue (52%)

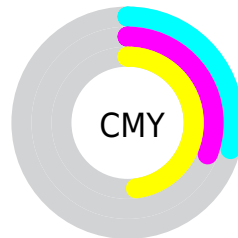


Cyan (0%)

Magenta (3%)

Yellow (27%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.5679, 0.3537, 0.3879 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 42.5679, 0.3537, 0.3879 by changing the saturation by 10% instead.

■ 42.5679, 0.3537,
0.3879

■ 42.5679, 0.3537,
0.3879

■ 356.8317, 0.3332,
0.3578

■ 29.5462, 0.3587,
0.3956

■ 79.0584, 0.3463,
0.3768

■ 19.4944, 0.3651,
0.4054

■ 103.2960, 0.3435,
0.3727

■ 12.0281, 0.3734,
0.4186

■ 132.0411, 0.3411,
0.3693

■ 6.7628, 0.3846,
0.4370

■ 165.6780, 0.3391,
0.3663

■ 3.3142, 0.3998,
0.4639

■ 204.5911, 0.3373,
0.3637

■ 1.2979, 0.4537,
0.5463

■ 249.1648, 0.3358,

■ 0.1396, 0.0446,

0.3615

0.9554

299.7836, 0.3344,
0.3595

0.0000, 0.0000,
0.0000

42.5679, 0.3537,
0.3879

42.5679, 0.3537,
0.3879

41.3781, 0.3698,
0.4101

43.8580, 0.3378,
0.3653

40.2784, 0.3854,
0.4312

45.2468, 0.3223,
0.3431

39.2658, 0.4000,
0.4501

46.7401, 0.3078,
0.3217


38.3350, 0.4130,
0.4659

48.3416, 0.2941,
0.3015

37.4800, 0.4237,
0.4779


50.0546, 0.2816,
0.2826

 36.6938, 0.4317,
0.4856


 51.8826, 0.2702,
0.2652

 35.9668, 0.4372,
0.4890

 53.5228, 0.2624,
0.2538

 35.7215, 0.4388,
0.4898

 54.3398, 0.2627,
0.2560

 55.1674, 0.2629,
0.2582

Harmonies

Analogous

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



42.5679, 0.3749, 0.3735



42.5679, 0.3537, 0.3879



42.5679, 0.3221, 0.3856

Triad

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



42.5679, 0.3537, 0.3879



42.5679, 0.2507, 0.3033



42.5679, 0.3347, 0.2963

Complementary

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



42.5679, 0.3537, 0.3879



26.4954, 0.2683, 0.2623

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.



42.5679, 0.3005, 0.2794



42.5679, 0.3537, 0.3879



42.5679, 0.2535, 0.2820

Square

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



42.5679, 0.3537, 0.3879



42.5679, 0.2634, 0.3341



42.5679, 0.2712, 0.2739



42.5679, 0.3640, 0.3211

Rectangle

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



42.5679, 0.3537, 0.3879



42.5679, 0.2997, 0.3738



42.5679, 0.2712, 0.2739



42.5679, 0.3233, 0.2896

Sweetspot

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



42.5698, 0.3537, 0.3879



80.6211, 0.3248, 0.3466



28.4485, 0.3620, 0.3211



17.3434, 0.3270, 0.3499



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.



42.5698, 0.3537, 0.3879



74.9365, 0.3634, 0.4014



42.4862, 0.3351, 0.3979



9.7525, 0.3266, 0.3492



24.6845, 0.4385, 0.4900



0.8198, 0.4325, 0.4948

Inverse Universe

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



26.4954, 0.2683, 0.2623



41.1633, 0.2567, 0.2445



26.7257, 0.2853, 0.2580



8.3678, 0.2985, 0.3080



2.6683, 0.1524, 0.0685



0.1300, 0.1611, 0.0998

Previews

White Background



This preview shows how the Yxy color 42.5679, 0.3537, 0.3879 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 42.5679, 0.3537, 0.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

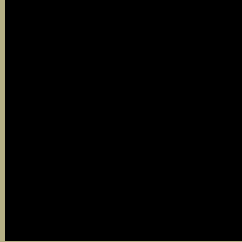
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

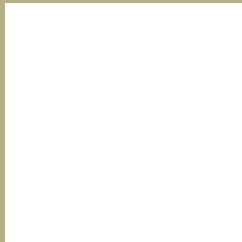
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.5679, 0.3537, 0.3879

Background



This preview shows how black text looks on a background with the Yxy color 42.5679, 0.3537, 0.3879.



This preview shows how white text looks on a background with the Yxy color 42.5679, 0.3537, 0.3879.

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

42.5679, 0.3537, 0.3879

Protanopia

42.5028, 0.3610, 0.3856

Deuteranopia

42.3658, 0.3786, 0.3699



Tritanopia

42.3596, 0.3172, 0.3108

Trichromacy



Original Color

42.5679, 0.3537, 0.3879

Protanomaly

42.6402, 0.3587, 0.3872

Deuteranomaly

42.2064, 0.3695, 0.3763

Tritanomaly

42.5359, 0.3305, 0.3384

Monochromacy



Original Color

42.5679, 0.3537, 0.3879

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.9708, 0.3280, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5679, 0.3537, 0.3879 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(181, 176, 133)` looks like.

```
.text, #text, p{  
    color:rgb(181, 176, 133)  
}
```

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(181, 176, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 176, 133) }
```

Border

The CSS property to change the border of an element to Yxy 42.5679, 0.3537, 0.3879 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(181, 176, 133) }
```

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

```
.border{ border-color:rgb(181, 176, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 176, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 176, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 176, 133);  
box-shadow:4px 4px 4px 4px rgb(181, 176,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5679, 0.3537, 0.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 176, 133) }
```

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

```
.background{ background-color: rgb(181,  
176, 133) }
```

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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