

Converting Colors

$Yxy(42.1546, 0.3538, 0.3671)$

Have a look what the booklet for
Yxy(42.1546, 0.3538, 0.3671)
contains.

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Color

Yxy(42.3070, 0.3538, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	BDAC8F
RGB	189, 172, 143
RGB Percent	74%, 67%, 56%
CMY	0.2590, 0.3254, 0.4393
CMYK	0.00, 0.09, 0.24, 0.26
HSL	38°, 26%, 65%
HSV	38°, 24%, 74%
XYZ	40.6856, 42.3070, 32.0034
YIQ	173.7770, 19.4410, -5.4150

Conversions

Conversions Part 2

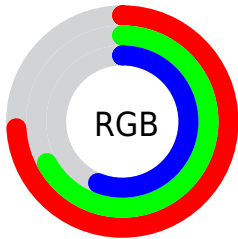
Format	Color
RYB	170, 189, 143
Decimal	12430479
CIELab	71.08, 1.47, 17.16
CIELCh	71, 17.228, 85.108
Yxy	42.3070, 0.3538, 0.3679
Android (android.graphics.Color)	4290620559 (0xFFBDAC8F)
YUV	173.7770, -15.1731, 13.3506
Hunter-Lab	65.0438, -2.1732, 16.3584

Details

The Yxy color $42.3070, 0.3538, 0.3679$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $34.6202, 0.2738, 0.2868$, and the grayscale version is $42.2763, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5622, 0.3464, 0.3602$, and $19.3742, 0.3651, 0.3786$ is the 20% darker color. If you saturate the color by 10%, you get $39.2042, 0.3736, 0.3846$, and if you desaturate by 10%, it is $45.6487, 0.3357, 0.3514$.

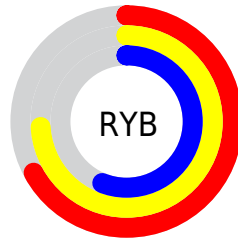
Distribution



Red (74%)

Green (67%)

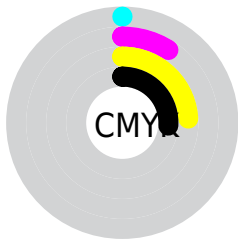
Blue (56%)



Red (67%)

Yellow (74%)

Blue (56%)

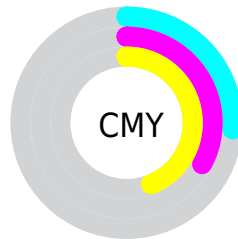


Cyan (0%)

Magenta (9%)

Yellow (24%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3070, 0.3538, 0.3679 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 42.3070, 0.3538, 0.3679 by changing the saturation by 10% instead.


 42.3070, 0.3538,
0.3679


 42.3070, 0.3538,
0.3679


355.7540, 0.3329,
0.3483

 29.3418, 0.3591,
0.3728


 78.6640, 0.3462,
0.3607

 19.3395, 0.3659,
0.3792


 102.8246, 0.3433,
0.3581

 11.9159, 0.3750,
0.3876


131.4858, 0.3409,
0.3558

 6.6864, 0.3877,
0.3992

165.0319, 0.3388,
0.3539

 3.2668, 0.4065,
0.4161

203.8474, 0.3371,
0.3522

 1.2725, 0.4714,
0.4777

248.3167, 0.3355,

 0.1198, 0.5555,

0.3507

0.4445

298.8241, 0.3342,
0.3494

0.0000, 0.0000,
0.0000

42.3070, 0.3538,
0.3679

42.3070, 0.3538,
0.3679

39.2042, 0.3736,
0.3846

45.6487, 0.3357,
0.3514

36.3276, 0.3947,
0.4007

49.2302, 0.3193,
0.3356

33.6718, 0.4167,
0.4156

53.0594, 0.3046,
0.3206

31.2287, 0.4387,
0.4281

57.1425, 0.2915,
0.3066

28.9898, 0.4598,
0.4371

61.4850, 0.2799,
0.2937

■ 26.9450, 0.4788,
0.4415

■ 66.0049, 0.2704,
0.2832

■ 25.0831, 0.4948,
0.4408

■ 69.5965, 0.2711,
0.2912

■ 24.0960, 0.5029,
0.4389

■ 73.3402, 0.2719,
0.2990

■ 77.2378, 0.2726,
0.3068

Harmonies

Analogous

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



42.3070, 0.3621, 0.3525



42.3070, 0.3538, 0.3679



42.3070, 0.3344, 0.3732

Triad

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



42.3070, 0.3538, 0.3679



42.3070, 0.2706, 0.3234



42.3070, 0.3142, 0.2959

Complementary

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



42.3070, 0.3538, 0.3679



34.6202, 0.2738, 0.2868

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.



42.3070, 0.2901, 0.2880



42.3070, 0.3538, 0.3679



42.3070, 0.2656, 0.3027

Square

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



42.3070, 0.3538, 0.3679



42.3070, 0.2865, 0.3468



42.3070, 0.2726, 0.2902



42.3070, 0.3388, 0.3117

Rectangle

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



42.3070, 0.3538, 0.3679



42.3070, 0.3181, 0.3696



42.3070, 0.2726, 0.2902



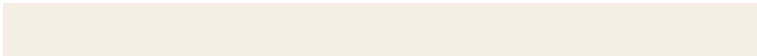
42.3070, 0.3058, 0.2923

Sweetspot

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



42.3089, 0.3538, 0.3679



86.3947, 0.3237, 0.3399



33.0126, 0.3439, 0.3052



18.4952, 0.3246, 0.3409



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



42.3089, 0.3538, 0.3679



72.9123, 0.3638, 0.3765



48.4928, 0.3442, 0.3898



10.5138, 0.3273, 0.3435



16.3729, 0.5016, 0.4399



0.7623, 0.4771, 0.4594

Inverse Universe

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



34.6202, 0.2738, 0.2868



56.8402, 0.2650, 0.2764



29.6419, 0.2765, 0.2621



9.7852, 0.2984, 0.3141



5.5192, 0.1665, 0.1193



0.3423, 0.1804, 0.1692

Previews

White Background



This preview shows how the Yxy color 42.3070, 0.3538, 0.3679 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 42.3070, 0.3538, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

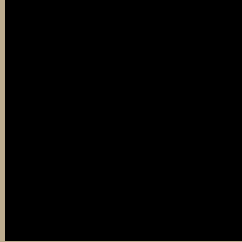
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3070, 0.3538, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 42.3070, 0.3538, 0.3679.



This preview shows how white text looks on a background with the Yxy color 42.3070, 0.3538, 0.3679.

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

42.3070, 0.3538, 0.3679

Protanopia

42.4761, 0.3476, 0.3697

Deuteranopia

42.0686, 0.3662, 0.3588



Tritanopia

42.2702, 0.3255, 0.3123

Trichromacy



Original Color

42.3070, 0.3538, 0.3679

Protanomaly

42.3399, 0.3498, 0.3682

Deuteranomaly

42.2599, 0.3616, 0.3617

Tritanomaly

42.3724, 0.3358, 0.3317

Monochromacy



Original Color

42.3070, 0.3538, 0.3679

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.1152, 0.3266, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3070, 0.3538, 0.3679 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(189, 172, 143)` looks like.

```
.text, #text, p{  
    color:rgb(189, 172, 143)  
}
```

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(189, 172, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 172, 143) }
```

Border

The CSS property to change the border of an element to Yxy 42.3070, 0.3538, 0.3679 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(189, 172, 143) }
```

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

```
.border{ border-color:rgb(189, 172, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 172, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 172, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 172, 143);  
box-shadow:4px 4px 4px 4px rgb(189, 172,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3070, 0.3538, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 172, 143) }
```

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

```
.background{ background-color: rgb(189,  
172, 143) }
```

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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