

Converting Colors

Yxy(53.2929, 0.3686, 0.3876)

Have a look what the booklet for
Yxy(53.2929, 0.3686, 0.3876)
contains.

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Color

Yxy(53.2418, 0.3688, 0.3870)

Conversions

Conversions Part 1

Format	Color
Hex	D4BF8F
RGB	212, 191, 143
RGB Percent	83%, 75%, 56%
CMY	0.1687, 0.2509, 0.4391
CMYK	0.00, 0.10, 0.33, 0.17
HSL	42°, 44%, 70%
HSV	42°, 33%, 83%
XYZ	50.7379, 53.2418, 33.5960
YIQ	191.8070, 27.9240, -10.4760

Conversions

Conversions Part 2

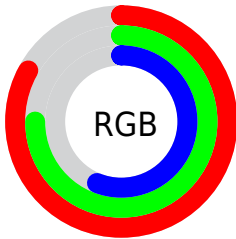
Format	Color
R _Y B	173, 212, 143
Decimal	13942671
CIE Lab	78.02, 0.36, 26.95
CIE LCh	78, 26.955, 89.245
Yxy	53.2418, 0.3688, 0.3870
Android (android.graphics.Color)	4292132751 (0xFFD4BF8F)
YUV	191.8070, -24.0619, 17.7093
Hunter-Lab	72.9670, -3.5714, 23.7782

Details

The Yxy color **53.2418, 0.3688, 0.3870** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.1431, 0.2585, 0.2631**, and the grayscale version is **52.7257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8127, 0.3488, 0.3786**, and **26.0176, 0.3829, 0.4028** is the 20% darker color. If you saturate the color by 10%, you get **49.9104, 0.3886, 0.4049**, and if you desaturate by 10%, it is **56.8233, 0.3500, 0.3687**.

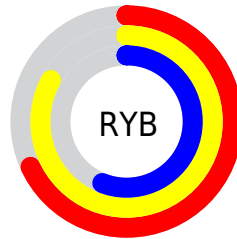
Distribution



Red (83%)

Green (75%)

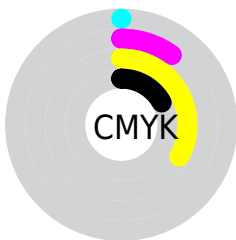
Blue (56%)



Red (68%)

Yellow (83%)

Blue (56%)

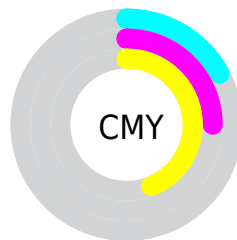


Cyan (0%)

Magenta (10%)

Yellow (33%)

Black (17%)



Cyan (17%)


Magenta (25%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2418, 0.3688, 0.3870 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 53.2418, 0.3688, 0.3870 by changing the saturation by 10% instead.


 53.2418, 0.3688,
0.3870

 53.2418, 0.3688,
0.3870


399.2121, 0.3416,
0.3589

 37.9958, 0.3752,
0.3936


 94.9601, 0.3592,
0.3771

 25.9795, 0.3833,
0.4019


 122.2012, 0.3555,
0.3732

 16.8083, 0.3936,
0.4125


154.2095, 0.3523,
0.3700

 10.0979, 0.4071,
0.4263

191.3693, 0.3496,
0.3672

 5.4639, 0.4252,
0.4449

234.0651, 0.3472,
0.3647

 2.5219, 0.4622,
0.4828

282.6812, 0.3451,

 0.8876, 0.4899,

0.3626

0.5101

337.6021, 0.3433,
0.3606

0.0000, 0.0000,
0.0000

53.2418, 0.3688,
0.3870

53.2418, 0.3688,
0.3870

49.9104, 0.3886,
0.4049

56.8233, 0.3500,
0.3687

46.8134, 0.4089,
0.4214

60.6554, 0.3325,
0.3507

43.9440, 0.4288,
0.4356


64.7480, 0.3165,
0.3333


41.2921, 0.4476,
0.4463


69.1081, 0.3021,
0.3168

38.8465, 0.4641,
0.4526

73.7423, 0.2891,
0.3015

 36.5937, 0.4777,
0.4538

 77.6383, 0.2859,
0.3024

 35.0214, 0.4862,
0.4521

 81.2872, 0.2862,
0.3092

 85.0703, 0.2865,
0.3161

 88.9887, 0.2869,
0.3228

Harmonies

Analogous

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



53.2418, 0.3840, 0.3654



53.2418, 0.3688, 0.3870



53.2418, 0.3387, 0.3935

Triad

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



53.2418, 0.3688, 0.3870



53.2418, 0.2505, 0.3154



53.2418, 0.3196, 0.2846

Complementary

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



53.2418, 0.3688, 0.3870



37.1431, 0.2585, 0.2631

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.



53.2418, 0.2842, 0.2717



53.2418, 0.3688, 0.3870



53.2418, 0.2460, 0.2872

Square

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



53.2418, 0.3688, 0.3870



53.2418, 0.2708, 0.3503



53.2418, 0.2579, 0.2721



53.2418, 0.3549, 0.3078

Rectangle

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



53.2418, 0.3688, 0.3870



53.2418, 0.3148, 0.3868



53.2418, 0.2579, 0.2721



53.2418, 0.3073, 0.2790

Sweetspot

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



53.2442, 0.3688, 0.3870



93.6161, 0.3285, 0.3464



36.3569, 0.3635, 0.3021



19.8527, 0.3308, 0.3489



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.



53.2442, 0.3688, 0.3870



77.3618, 0.3823, 0.3994



61.2521, 0.3512, 0.4126



13.8527, 0.3274, 0.3452



21.8078, 0.4850, 0.4531



1.4581, 0.4710, 0.4642

Inverse Universe

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



37.1431, 0.2585, 0.2631



49.2756, 0.2460, 0.2464



31.4377, 0.2653, 0.2359



12.6185, 0.2982, 0.3123



5.3873, 0.1616, 0.1017



0.4696, 0.1713, 0.1366

Previews

White Background



This preview shows how the Yxy color 53.2418, 0.3688, 0.3870 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 53.2418, 0.3688, 0.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

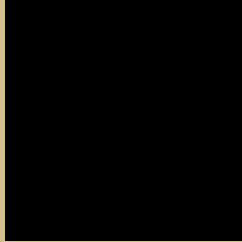
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2418, 0.3688, 0.3870

Background



This preview shows how black text looks on a background with the Yxy color 53.2418, 0.3688, 0.3870.



This preview shows how white text looks on a background with the Yxy color 53.2418, 0.3688, 0.3870.

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

53.2418, 0.3688, 0.3870

Protanopia

53.4189, 0.3629, 0.3890

Deuteranopia

53.2055, 0.3846, 0.3763



Tritanopia

53.2636, 0.3304, 0.3128

Trichromacy



Original Color

53.2418, 0.3688, 0.3870

Protanomaly

53.2682, 0.3650, 0.3875

Deuteranomaly

53.0839, 0.3785, 0.3796

Tritanomaly

53.3539, 0.3446, 0.3397

Monochromacy



Original Color

53.2418, 0.3688, 0.3870

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8974, 0.3324, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2418, 0.3688, 0.3870 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(212, 191, 143)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 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(212, 191, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 143) }
```

Border

The CSS property to change the border of an element to Yxy 53.2418, 0.3688, 0.3870 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(212, 191, 143) }
```

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

```
.border{ border-color:rgb(212, 191, 143) }
```

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

Here you see how a box with a 4 pixel rgb(212, 191, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 143);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2418, 0.3688, 0.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 143) }
```

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

```
.background{ background-color: rgb(212,  
191, 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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