

Converting Colors

$Yxy(53.0153, 0.4038, 0.4278)$

Have a look what the booklet for
Yxy(53.0153, 0.4038, 0.4278)
contains.

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Color

Yxy(53.1870, 0.4031, 0.4280)

Conversions

Conversions Part 1

Format	Color
Hex	DABF69
RGB	218, 191, 105
RGB Percent	85%, 75%, 41%
CMY	0.1451, 0.2509, 0.5882
CMYK	0.00, 0.12, 0.52, 0.15
HSL	46°, 60%, 63%
HSV	46°, 52%, 85%
XYZ	50.0927, 53.1870, 20.9890
YIQ	189.2690, 43.6980, -21.0220

Conversions

Conversions Part 2

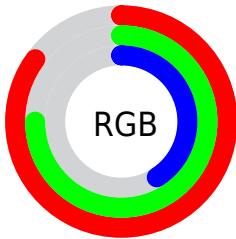
Format	Color
RYB	140, 218, 105
Decimal	14335849
CIELab	77.99, -1.23, 46.51
CIElCh	78, 46.527, 91.518
Yxy	53.1870, 0.4031, 0.4280
Android (android.graphics.Color)	4292525929 (0xFFDABF69)
YUV	189.2690, -41.5446, 25.1971
Hunter-Lab	72.9294, -5.0210, 33.9870

Details

The Yxy color **53.1870, 0.4031, 0.4280** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.5627, 0.2210, 0.2031**, and the grayscale version is **51.2756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2502, 0.3727, 0.4170**, and **26.0204, 0.4238, 0.4510** is the 20% darker color. If you saturate the color by 10%, you get **50.5665, 0.4210, 0.4435**, and if you desaturate by 10%, it is **56.0081, 0.3845, 0.4101**.

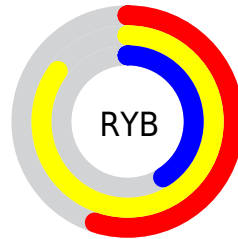
Distribution



Red (85%)

Green (75%)

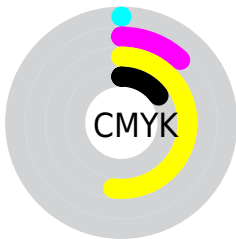
Blue (41%)



Red (55%)

Yellow (85%)

Blue (41%)

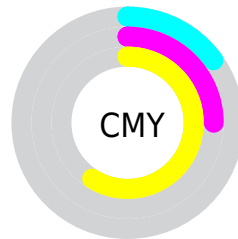


Cyan (0%)

Magenta (12%)

Yellow (52%)

Black (15%)



Cyan (15%)


Magenta (25%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1870, 0.4031, 0.4280 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 53.1870, 0.4031, 0.4280 by changing the saturation by 10% instead.


 53.1870, 0.4031,
0.4280


 53.1870, 0.4031,
0.4280

399.0022, 0.3607,
0.3813


 37.9521, 0.4124,
0.4383


 94.8795, 0.3886,
0.4119

 25.9455, 0.4234,
0.4507


 122.1058, 0.3829,
0.4056

 16.7829, 0.4365,
0.4654


 154.0981, 0.3779,
0.4001

 10.0798, 0.4515,
0.4827

 191.2407, 0.3736,
0.3954

 5.4519, 0.4769,
0.5117

233.9180, 0.3698,
0.3912

 2.5148, 0.4810,
0.5190

282.5144, 0.3664,

 0.8840, 0.4782,

0.3875

0.5218

337.4143, 0.3634,
0.3842

0.0000, 0.0000,
0.0000

53.1870, 0.4031,
0.4280

53.1870, 0.4031,
0.4280

50.5665, 0.4210,
0.4435

56.0081, 0.3845,
0.4101

48.1293, 0.4373,
0.4555

59.0312, 0.3660,
0.3908

45.8667, 0.4513,
0.4632

62.2668, 0.3481,
0.3709

43.7657, 0.4624,
0.4660

65.7225, 0.3311,
0.3513

42.1524, 0.4696,
0.4653

69.4052, 0.3155,
0.3324

■ 73.3217, 0.3011,
0.3144

■ 77.3101, 0.2896,
0.3003

■ 80.2089, 0.2898,
0.3058

■ 83.1946, 0.2900,
0.3113

Harmonies

Analogous

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



53.1870, 0.4339, 0.3891



53.1870, 0.4031, 0.4280



53.1870, 0.3495, 0.4428

Triad

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



53.1870, 0.4031, 0.4280



53.1870, 0.2080, 0.2981



53.1870, 0.3279, 0.2585

Complementary

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



53.1870, 0.4031, 0.4280



24.5627, 0.2210, 0.2031

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.



53.1870, 0.2675, 0.2363



53.1870, 0.4031, 0.4280



53.1870, 0.2037, 0.2537

Square

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



53.1870, 0.4031, 0.4280



53.1870, 0.2377, 0.3606



53.1870, 0.2241, 0.2336



53.1870, 0.3895, 0.2958

Rectangle

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



53.1870, 0.4031, 0.4280



53.1870, 0.3089, 0.4311



53.1870, 0.2241, 0.2336



53.1870, 0.3066, 0.2492

Sweetspot

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



53.1895, 0.4031, 0.4280



91.5851, 0.3383, 0.3597



26.7073, 0.4230, 0.2956



19.3844, 0.3418, 0.3638



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.



53.1895, 0.4031, 0.4280



71.8717, 0.4222, 0.4445



62.0742, 0.3651, 0.4645



14.7093, 0.3273, 0.3467



25.4291, 0.4687, 0.4661



1.7769, 0.4590, 0.4738

Inverse Universe

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



24.5627, 0.2210, 0.2031



26.9886, 0.2015, 0.1722



20.1707, 0.2356, 0.1733



13.1196, 0.2981, 0.3107



4.6472, 0.1576, 0.0873



0.4349, 0.1663, 0.1185

Previews

White Background



This preview shows how the Yxy color 53.1870, 0.4031, 0.4280 looks on a white background.

Color Contrast Check

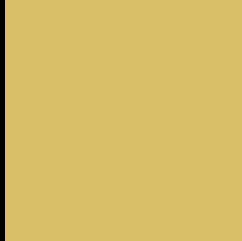
Large Text (above 18pt) WCAG AA × Fail

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 53.1870, 0.4031, 0.4280 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 53.1870, 0.4031, 0.4280

Background



This preview shows how black text looks on a background with the Yxy color 53.1870, 0.4031, 0.4280.



This preview shows how white text looks on a background with the Yxy color 53.1870, 0.4031, 0.4280.

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

53.1870, 0.4031, 0.4280

Protanopia

53.1776, 0.3959, 0.4312

Deuteranopia

53.1754, 0.4220, 0.4126



Tritanopia

53.1566, 0.3402, 0.3132

Trichromacy



Original Color

53.1870, 0.4031, 0.4280

Protanomaly

53.0360, 0.3982, 0.4294

Deuteranomaly

53.2393, 0.4146, 0.4190

Tritanomaly

52.9945, 0.3648, 0.3560

Monochromacy



Original Color

53.1870, 0.4031, 0.4280

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5749, 0.3464, 0.3691

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1870, 0.4031, 0.4280 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(218, 191, 105)` looks like.

```
.text, #text, p{  
    color:rgb(218, 191, 105)  
}
```

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(218, 191, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 191, 105) }
```

Border

The CSS property to change the border of an element to Yxy 53.1870, 0.4031, 0.4280 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(218, 191, 105) }
```

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

```
.border{ border-color:rgb(218, 191, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 191, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 191, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 191, 105);  
box-shadow:4px 4px 4px 4px rgb(218, 191,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1870, 0.4031, 0.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 191, 105) }
```

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

```
.background{ background-color: rgb(218,  
191, 105) }
```

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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