

Converting Colors

$Yxy(41.6019, 0.4180, 0.4124)$

Have a look what the booklet for
Yxy(41.6019, 0.4180, 0.4124)
contains.

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Color

Yxy(41.8371, 0.4180, 0.4128)

Conversions

Conversions Part 1

Format	Color
Hex	D2A661
RGB	210, 166, 97
RGB Percent	82%, 65%, 38%
CMY	0.1766, 0.3489, 0.6197
CMYK	0.00, 0.21, 0.54, 0.18
HSL	37°, 56%, 60%
HSV	37°, 54%, 82%
XYZ	42.3641, 41.8371, 17.1483
YIQ	171.2900, 48.3730, -12.1310

Conversions

Conversions Part 2

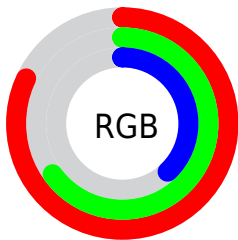
Format	Color
RYB	169, 210, 97
Decimal	13805153
CIELab	70.76, 7.98, 41.58
CIELCh	71, 42.335, 79.140
Yxy	41.8371, 0.4180, 0.4128
Android (android.graphics.Color)	4291995233 (0xFFD2A661)
YUV	171.2900, -36.6250, 33.9487
Hunter-Lab	64.6816, 3.7183, 29.5582

Details

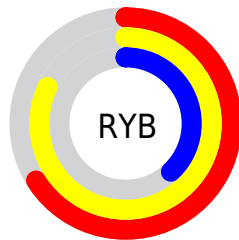
The Yxy color **41.8371, 0.4180, 0.4128** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.2215, 0.2230, 0.2243**, and the grayscale version is **41.0470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1428, 0.3883, 0.4023**, and **19.0203, 0.4460, 0.4309** is the 20% darker color. If you saturate the color by 10%, you get **38.6219, 0.4410, 0.4250**, and if you desaturate by 10%, it is **45.3485, 0.3953, 0.3982**.

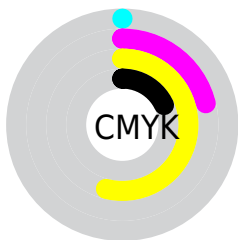
Distribution



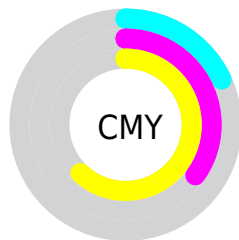
- Red (82%)
- Green (65%)
- Blue (38%)



- Red (66%)
- Yellow (82%)
- Blue (38%)



- Cyan (0%)
- Magenta (21%)
- Yellow (54%)
- Black (18%)





- Cyan (18%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8371, 0.4180, 0.4128 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 41.8371, 0.4180, 0.4128 by changing the saturation by 10% instead.


 41.8371, 0.4180,
0.4128

 41.8371, 0.4180,
0.4128


353.8072, 0.3657,
0.3729


 28.9738, 0.4304,
0.4216


 77.9530, 0.3994,
0.3991


 19.0610, 0.4456,
0.4319


 101.9744, 0.3922,
0.3937

 11.7143, 0.4644,
0.4437

 130.4839, 0.3861,
0.3890

 6.5495, 0.4876,
0.4566

 163.8659, 0.3809,
0.3849

 3.1820, 0.5241,
0.4759

202.5049, 0.3763,
0.3813

 1.2275, 0.5374,
0.4626

246.7851, 0.3723,

 0.0840, 0.7658,

0.3782

0.2342

297.0911, 0.3688,
0.3754

0.0000, 0.0000,
0.0000

41.8371, 0.4180,
0.4128

41.8371, 0.4180,
0.4128

38.6219, 0.4410,
0.4250

45.3485, 0.3953,
0.3982

35.6851, 0.4632,
0.4336

49.1610, 0.3736,
0.3824

33.0154, 0.4833,
0.4376

53.2866, 0.3534,
0.3661

30.5974, 0.5003,
0.4364

57.7347, 0.3350,
0.3501

29.2121, 0.5095,
0.4336

62.5143, 0.3185,
0.3346

■ 67.6339, 0.3038,
0.3201

■ 73.1016, 0.2908,
0.3066

■ 78.2670, 0.2847,
0.3041

■ 82.9552, 0.2852,
0.3128

Harmonies

Analogous

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



41.8371, 0.4352, 0.3695



41.8371, 0.4180, 0.4128



41.8371, 0.3727, 0.4392

Triad

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



41.8371, 0.4180, 0.4128



41.8371, 0.2185, 0.3228



41.8371, 0.3019, 0.2482

Complementary

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



41.8371, 0.4180, 0.4128



26.2215, 0.2230, 0.2243

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.



41.8371, 0.2479, 0.2338



41.8371, 0.4180, 0.4128



41.8371, 0.2038, 0.2701

Square

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



41.8371, 0.4180, 0.4128



41.8371, 0.2576, 0.3859



41.8371, 0.2140, 0.2402



41.8371, 0.3646, 0.2796

Rectangle

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



41.8371, 0.4180, 0.4128



41.8371, 0.3339, 0.4389



41.8371, 0.2140, 0.2402



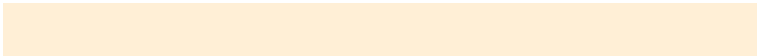
41.8371, 0.2821, 0.2413

Sweetspot

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



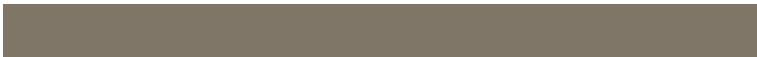
41.8391, 0.4180, 0.4128



87.9347, 0.3392, 0.3538



24.2018, 0.4043, 0.2738



18.5104, 0.3430, 0.3572



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.



41.8391, 0.4180, 0.4128



59.0423, 0.4453, 0.4270



59.0347, 0.3807, 0.4618



12.9933, 0.3275, 0.3432



18.0261, 0.5078, 0.4350



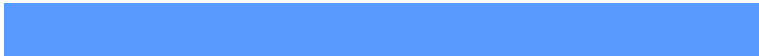
1.1596, 0.4874, 0.4512

Inverse Universe

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



26.2215, 0.2230, 0.2243



32.3752, 0.2041, 0.1960



16.4046, 0.2180, 0.1617



12.1610, 0.2982, 0.3144



6.6722, 0.1679, 0.1243



0.5254, 0.1782, 0.1614

Previews

White Background



This preview shows how the Yxy color 41.8371, 0.4180, 0.4128 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 41.8371, 0.4180, 0.4128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

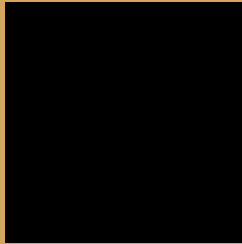
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8371, 0.4180, 0.4128

Background



This preview shows how black text looks on a background with the Yxy color 41.8371, 0.4180, 0.4128.



This preview shows how white text looks on a background with the Yxy color 41.8371, 0.4180, 0.4128.

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

41.8371, 0.4180, 0.4128

Protanopia

41.7544, 0.3914, 0.4247

Deuteranopia

41.7704, 0.4207, 0.4109



Tritanopia

41.6152, 0.3587, 0.3134

Trichromacy



Original Color

41.8371, 0.4180, 0.4128

Protanomaly

41.5206, 0.4009, 0.4198

Deuteranomaly

41.6222, 0.4197, 0.4113

Tritanomaly

41.4209, 0.3827, 0.3502

Monochromacy



Original Color

41.8371, 0.4180, 0.4128

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.7038, 0.3499, 0.3631

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8371, 0.4180, 0.4128 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(210, 166, 97)` looks like.

```
.text, #text, p{  
    color:rgb(210, 166, 97)  
}
```

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(210, 166, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 166, 97) }
```

Border

The CSS property to change the border of an element to Yxy 41.8371, 0.4180, 0.4128 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(210, 166, 97) }
```

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

```
.border{ border-color:rgb(210, 166, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 166, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 166, 97); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 166, 97); box-shadow:4px 4px 4px 4px rgb(210, 166, 97) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8371, 0.4180, 0.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 166, 97) }
```

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

```
.background{ background-color: rgb(210,  
166, 97) }
```

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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