

Converting Colors

$Yxy(41.9115, 0.4265, 0.4069)$

Have a look what the booklet for
Yxy(41.9115, 0.4265, 0.4069)
contains.

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Color

Yxy(41.8092, 0.4270, 0.4069)

Conversions

Conversions Part 1

Format	Color
Hex	D9A361
RGB	217, 163, 97
RGB Percent	85%, 64%, 38%
CMY	0.1489, 0.3608, 0.6196
CMYK	0.00, 0.25, 0.55, 0.15
HSL	33°, 61%, 62%
HSV	33°, 55%, 85%
XYZ	43.8745, 41.8092, 17.0669
YIQ	171.6220, 53.3700, -9.0780

Conversions

Conversions Part 2

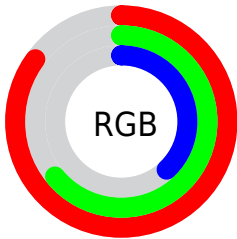
Format	Color
RYB	195, 217, 97
Decimal	14263137
CIELab	70.74, 12.55, 41.71
CIELCh	71, 43.561, 73.261
Yxy	41.8092, 0.4270, 0.4069
Android (android.graphics.Color)	4292453217 (0xFFD9A361)
YUV	171.6220, -36.7886, 39.7965
Hunter-Lab	64.6600, 7.9645, 29.6126

Details

The Yxy color **41.8092, 0.4270, 0.4069** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.6932, 0.2227, 0.2318**, and the grayscale version is **41.2247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5727, 0.3895, 0.3995**, and **18.9532, 0.4575, 0.4227** is the 20% darker color. If you saturate the color by 10%, you get **38.1243, 0.4525, 0.4174**, and if you desaturate by 10%, it is **45.8769, 0.4021, 0.3939**.

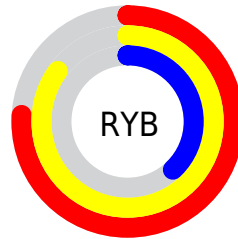
Distribution



Red (85%)

Green (64%)

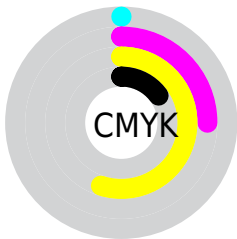
Blue (38%)



Red (76%)

Yellow (85%)

Blue (38%)

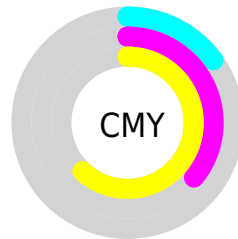


Cyan (0%)

Magenta (25%)

Yellow (55%)

Black (15%)



Cyan (15%)


Magenta (36%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8092, 0.4270, 0.4069 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 41.8092, 0.4270, 0.4069 by changing the saturation by 10% instead.

 41.8092, 0.4270,
0.4069


 41.8092, 0.4270,
0.4069


353.6914, 0.3699,
0.3706


 28.9519, 0.4406,
0.4145


 77.9108, 0.4066,
0.3946


 19.0445, 0.4573,
0.4233


 101.9239, 0.3988,
0.3897

 11.7024, 0.4781,
0.4329


 130.4243, 0.3922,
0.3855

 6.5414, 0.5041,
0.4425

 163.7966, 0.3865,
0.3817

 3.1770, 0.5444,
0.4556

202.4250, 0.3815,
0.3785

 1.2248, 0.5644,
0.4356

246.6941, 0.3772,

 0.0818, 0.8243,

0.3755

0.1757

296.9880, 0.3734,
0.3729

0.0000, 0.0000,
0.0000

41.8092, 0.4270,
0.4069

41.8092, 0.4270,
0.4069

38.1243, 0.4525,
0.4174

45.8769, 0.4021,
0.3939

34.8007, 0.4773,
0.4241

50.3353, 0.3788,
0.3796

31.8236, 0.5000,
0.4259

55.1995, 0.3573,
0.3648

29.1732, 0.5193,
0.4223

60.4818, 0.3381,
0.3502

28.0282, 0.5275,
0.4193

66.1940, 0.3210,
0.3361

■ 72.3470, 0.3059,
0.3229

■ 78.9517, 0.2926,
0.3106

■ 84.9710, 0.2895,
0.3147

■ 90.9148, 0.2899,
0.3248

Harmonies

Analogous

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



41.8092, 0.4378, 0.3608



41.8092, 0.4270, 0.4069



41.8092, 0.3849, 0.4392

Triad

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



41.8092, 0.4270, 0.4069



41.8092, 0.2220, 0.3351



41.8092, 0.2894, 0.2418

Complementary

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



41.8092, 0.4270, 0.4069



29.6932, 0.2227, 0.2318

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.



41.8092, 0.2375, 0.2309



41.8092, 0.4270, 0.4069



41.8092, 0.2019, 0.2771

Square

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



41.8092, 0.4270, 0.4069



41.8092, 0.2662, 0.3994



41.8092, 0.2075, 0.2418



41.8092, 0.3536, 0.2709

Rectangle

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



41.8092, 0.4270, 0.4069



41.8092, 0.3464, 0.4443



41.8092, 0.2075, 0.2418



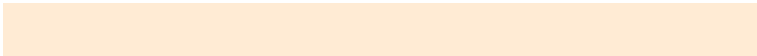
41.8092, 0.2700, 0.2359

Sweetspot

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



41.8112, 0.4270, 0.4069



85.6920, 0.3415, 0.3529



25.6047, 0.3972, 0.2632



18.0057, 0.3453, 0.3558



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.



41.8112, 0.4270, 0.4069



54.2818, 0.4558, 0.4185



64.6476, 0.3888, 0.4618



14.2325, 0.3278, 0.3419



17.1775, 0.5255, 0.4209



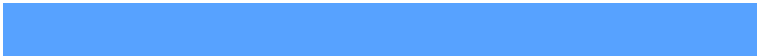
1.2841, 0.5036, 0.4384

Inverse Universe

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



29.6932, 0.2227, 0.2318



35.2330, 0.2059, 0.2076



16.3274, 0.2089, 0.1538



13.5775, 0.2982, 0.3158



8.4886, 0.1729, 0.1424



0.7204, 0.1816, 0.1737

Previews

White Background



This preview shows how the Yxy color 41.8092, 0.4270, 0.4069 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 41.8092, 0.4270, 0.4069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

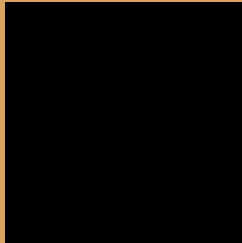
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8092, 0.4270, 0.4069

Background



This preview shows how black text looks on a background with the Yxy color 41.8092, 0.4270, 0.4069.



This preview shows how white text looks on a background with the Yxy color 41.8092, 0.4270, 0.4069.

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

41.8092, 0.4270, 0.4069

Protanopia

41.7739, 0.3906, 0.4235

Deuteranopia

41.7518, 0.4215, 0.4120



Tritanopia

41.9207, 0.3691, 0.3149

Trichromacy



Original Color

41.8092, 0.4270, 0.4069

Protanomaly

41.5754, 0.4037, 0.4164

Deuteranomaly

41.6916, 0.4242, 0.4101

Tritanomaly

41.7789, 0.3914, 0.3485

Monochromacy



Original Color

41.8092, 0.4270, 0.4069

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1116, 0.3519, 0.3614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8092, 0.4270, 0.4069 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(217, 163, 97)` looks like.

```
.text, #text, p{  
    color:rgb(217, 163, 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(217, 163, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 163, 97) }
```

Border

The CSS property to change the border of an element to Yxy 41.8092, 0.4270, 0.4069 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(217, 163, 97) }
```

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

```
.border{ border-color:rgb(217, 163, 97) }
```

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

Here you see how a box with a 4 pixel rgb(217, 163, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 163, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 163, 97);  
box-shadow:4px 4px 4px 4px rgb(217, 163,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8092, 0.4270, 0.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 163, 97) }
```

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

```
.background{ background-color: rgb(217,  
163, 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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