

Converting Colors

$Yxy(42.1187, 0.3931, 0.3686)$

Have a look what the booklet for
Yxy(42.1187, 0.3931, 0.3686)
contains.

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Color

Yxy(42.1292, 0.3931, 0.3686)

Conversions

Conversions Part 1

Format	Color
Hex	D6A383
RGB	214, 163, 131
RGB Percent	84%, 64%, 51%
CMY	0.1607, 0.3608, 0.4863
CMYK	0.00, 0.24, 0.39, 0.16
HSL	23°, 50%, 68%
HSV	23°, 39%, 84%
XYZ	44.9294, 42.1292, 27.2365
YIQ	174.6010, 40.6680, 0.8600

Conversions

Conversions Part 2

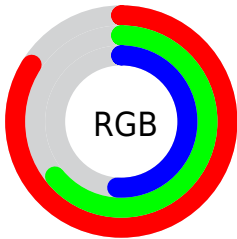
Format	Color
RYB	214, 183, 131
Decimal	14066563
CIELab	70.96, 14.67, 23.91
CIElCh	71, 28.054, 58.479
Yxy	42.1292, 0.3931, 0.3686
Android (android.graphics.Color)	4292256643 (0xFFD6A383)
YUV	174.6010, -21.4953, 34.5529
Hunter-Lab	64.9070, 9.9726, 20.5554

Details

The Yxy color **42.1292, 0.3931, 0.3686** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.1464, 0.2527, 0.2851**, and the grayscale version is **42.7517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8635, 0.3645, 0.3640**, and **19.2321, 0.4181, 0.3780** is the 20% darker color. If you saturate the color by 10%, you get **37.1791, 0.4216, 0.3785**, and if you desaturate by 10%, it is **47.6890, 0.3679, 0.3581**.

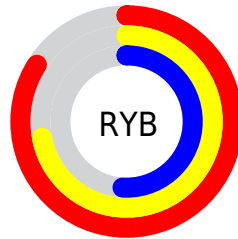
Distribution



Red (84%)

Green (64%)

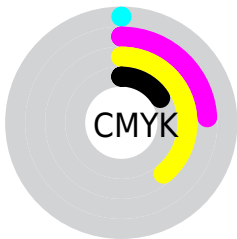
Blue (51%)



Red (84%)

Yellow (72%)

Blue (51%)

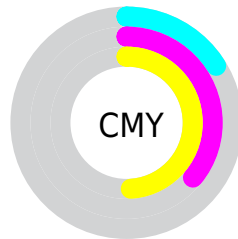


Cyan (0%)

Magenta (24%)

Yellow (39%)

Black (16%)



Cyan (16%)


Magenta (36%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1292, 0.3931, 0.3686 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 42.1292, 0.3931, 0.3686 by changing the saturation by 10% instead.


 42.1292, 0.3931,
0.3686

 42.1292, 0.3931,
0.3686


355.0182, 0.3520,
0.3498


 29.2025, 0.4035,
0.3729


 78.3951, 0.3780,
0.3621

 19.2340, 0.4169,
0.3780


 102.5031, 0.3724,
0.3595

 11.8395, 0.4346,
0.3842


 131.1070, 0.3677,
0.3573

 6.6345, 0.4592,
0.3916

164.5911, 0.3636,
0.3554

 3.2346, 0.4947,
0.3997

203.3399, 0.3601,
0.3538

 1.2554, 0.5759,
0.4241

247.7378, 0.3571,

 0.1063, 0.8120,

0.3523

0.1880

298.1691, 0.3544,
0.3510

0.0000, 0.0000,
0.0000

42.1292, 0.3931,
0.3686

42.1292, 0.3931,
0.3686

37.1791, 0.4216,
0.3785

47.6890, 0.3679,
0.3581

32.8105, 0.4529,
0.3869

53.8734, 0.3459,
0.3475

29.0015, 0.4858,
0.3926

60.7044, 0.3270,
0.3374

25.7265, 0.5184,
0.3942

68.2007, 0.3109,
0.3279

22.9571, 0.5480,
0.3907

76.3804, 0.2971,
0.3191

■ 20.6574, 0.5726,
0.3824

■ 84.9736, 0.2877,
0.3154

■ 20.4071, 0.5754,
0.3813

■ 93.0389, 0.2883,
0.3289

Harmonies

Analogous

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



42.1292, 0.3870, 0.3363



42.1292, 0.3931, 0.3686



42.1292, 0.3763, 0.3935

Triad

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



42.1292, 0.3931, 0.3686



42.1292, 0.2664, 0.3539



42.1292, 0.2797, 0.2649

Complementary

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



42.1292, 0.3931, 0.3686



43.1464, 0.2527, 0.2851

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.



42.1292, 0.2509, 0.2655



42.1292, 0.3931, 0.3686



42.1292, 0.2435, 0.3143

Square

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



42.1292, 0.3931, 0.3686



42.1292, 0.3024, 0.3877



42.1292, 0.2382, 0.2824



42.1292, 0.3192, 0.2789

Rectangle

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



42.1292, 0.3931, 0.3686



42.1292, 0.3551, 0.4015



42.1292, 0.2382, 0.2824



42.1292, 0.2685, 0.2634

Sweetspot

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



42.1312, 0.3931, 0.3686



86.7661, 0.3330, 0.3407



33.9174, 0.3495, 0.2675



18.2820, 0.3355, 0.3421



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.



42.1312, 0.3931, 0.3686



56.2006, 0.4177, 0.3773



59.2818, 0.3745, 0.4149



13.1977, 0.3282, 0.3380



12.5199, 0.5727, 0.3834



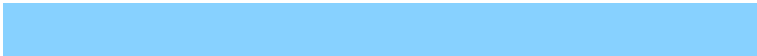
0.9131, 0.5406, 0.4090

Inverse Universe

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



43.1464, 0.2527, 0.2851



57.8899, 0.2399, 0.2733



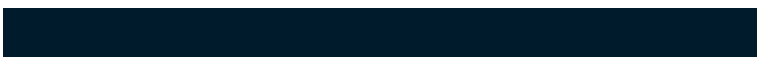
28.6390, 0.2437, 0.2252



13.2666, 0.2982, 0.3198



13.0380, 0.1884, 0.1983



0.9446, 0.1954, 0.2234

Previews

White Background



This preview shows how the Yxy color 42.1292, 0.3931, 0.3686 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 42.1292, 0.3931, 0.3686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

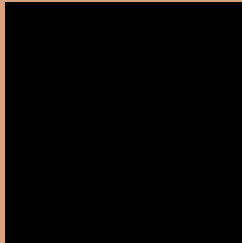
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1292, 0.3931, 0.3686

Background



This preview shows how black text looks on a background with the Yxy color 42.1292, 0.3931, 0.3686.



This preview shows how white text looks on a background with the Yxy color 42.1292, 0.3931, 0.3686.

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

42.1292, 0.3931, 0.3686

Protanopia

42.3640, 0.3556, 0.3805

Deuteranopia

42.2283, 0.3833, 0.3762



Tritanopia

42.2614, 0.3604, 0.3147

Trichromacy



Original Color

42.1292, 0.3931, 0.3686

Protanomaly

42.2064, 0.3695, 0.3763

Deuteranomaly

42.2940, 0.3867, 0.3744

Tritanomaly

42.2936, 0.3727, 0.3340

Monochromacy



Original Color

42.1292, 0.3931, 0.3686

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.4478, 0.3398, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1292, 0.3931, 0.3686 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(214, 163, 131)` looks like.

```
.text, #text, p{  
    color:rgb(214, 163, 131)  
}
```

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(214, 163, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 163, 131) }
```

Border

The CSS property to change the border of an element to Yxy 42.1292, 0.3931, 0.3686 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(214, 163, 131) }
```

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

```
.border{ border-color:rgb(214, 163, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 163, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 163, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 163, 131);  
box-shadow:4px 4px 4px 4px rgb(214, 163,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1292, 0.3931, 0.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 163, 131) }
```

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

```
.background{ background-color: rgb(214,  
163, 131) }
```

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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