

Converting Colors

$Yxy(43.6802, 0.4284, 0.4089)$

Have a look what the booklet for
Yxy(43.6802, 0.4284, 0.4089)
contains.

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Color

Yxy(43.5077, 0.4286, 0.4088)

Conversions

Conversions Part 1

Format	Color
Hex	DDA661
RGB	221, 166, 97
RGB Percent	87%, 65%, 38%
CMY	0.1333, 0.3490, 0.6196
CMYK	0.00, 0.25, 0.56, 0.13
HSL	33°, 65%, 62%
HSV	33°, 56%, 87%
XYZ	45.6150, 43.5077, 17.3052
YIQ	174.5790, 54.9290, -9.7990

Conversions

Conversions Part 2

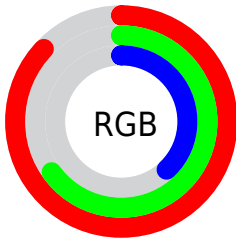
Format	Color
R _{YB}	196, 221, 97
Decimal	14526049
CIE Lab	71.90, 12.59, 43.21
CIE LCh	72, 45.011, 73.753
Yxy	43.5077, 0.4286, 0.4088
Android (android.graphics.Color)	4292716129 (0xFFDDA661)
YUV	174.5790, -38.2464, 40.7112
Hunter-Lab	65.9604, 8.0112, 30.6171

Details

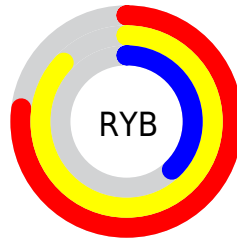
The Yxy color **43.5077, 0.4286, 0.4088** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.2250, 0.2211, 0.2287**, and the grayscale version is **42.8227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1428, 0.3883, 0.4023**, and **20.0346, 0.4587, 0.4244** is the 20% darker color. If you saturate the color by 10%, you get **39.7236, 0.4538, 0.4191**, and if you desaturate by 10%, it is **47.6827, 0.4038, 0.3959**.

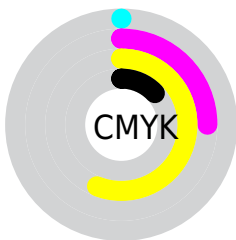
Distribution



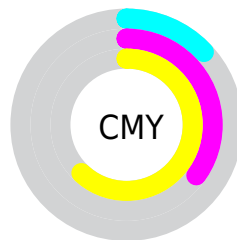
- Red (87%)
- Green (65%)
- Blue (38%)



- Red (77%)
- Yellow (87%)
- Blue (38%)



- Cyan (0%)
- Magenta (25%)
- Yellow (56%)
- Black (13%)



- Cyan (13%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5077, 0.4286, 0.4088 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 43.5077, 0.4286, 0.4088 by changing the saturation by 10% instead.

 43.5077, 0.4286,
0.4088


 43.5077, 0.4286,
0.4088


360.6955, 0.3712,
0.3720


 30.2837, 0.4421,
0.4165


 80.4764, 0.4082,
0.3964

 20.0540, 0.4586,
0.4252


 104.9899, 0.4004,
0.3915

 12.4343, 0.4790,
0.4347


 134.0354, 0.3938,
0.3871

 7.0402, 0.5040,
0.4440

 167.9972, 0.3880,
0.3833

 3.4872, 0.5429,
0.4571

207.2597, 0.3830,
0.3800

 1.3911, 0.5617,
0.4383

252.2073, 0.3786,

 0.2101, 0.7070,

0.3770

0.2930

303.2245, 0.3747,
0.3743

0.0000, 0.0000,
0.0000

43.5077, 0.4286,
0.4088

43.5077, 0.4286,
0.4088

39.7236, 0.4538,
0.4191

47.6827, 0.4038,
0.3959

36.3081, 0.4782,
0.4256

52.2566, 0.3804,
0.3814

33.2457, 0.5004,
0.4271

57.2452, 0.3589,
0.3665

30.5156, 0.5191,
0.4232

62.6609, 0.3395,
0.3516

29.5311, 0.5257,
0.4208

68.5160, 0.3223,
0.3373

■ 74.8218, 0.3070,
0.3239

■ 81.5892, 0.2936,
0.3113

■ 87.5568, 0.2920,
0.3182

■ 93.6289, 0.2923,
0.3282

Harmonies

Analogous

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



43.5077, 0.4404, 0.3619



43.5077, 0.4286, 0.4088



43.5077, 0.3852, 0.4416

Triad

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



43.5077, 0.4286, 0.4088



43.5077, 0.2197, 0.3340



43.5077, 0.2899, 0.2407

Complementary

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



43.5077, 0.4286, 0.4088



30.2250, 0.2211, 0.2287

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.



43.5077, 0.2369, 0.2292



43.5077, 0.4286, 0.4088



43.5077, 0.1999, 0.2752

Square

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



43.5077, 0.4286, 0.4088



43.5077, 0.2643, 0.4000



43.5077, 0.2060, 0.2398



43.5077, 0.3554, 0.2704

Rectangle

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



43.5077, 0.4286, 0.4088



43.5077, 0.3458, 0.4466



43.5077, 0.2060, 0.2398



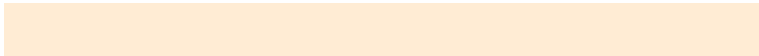
43.5077, 0.2701, 0.2346

Sweetspot

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



43.5098, 0.4286, 0.4088



85.8541, 0.3414, 0.3531



26.2185, 0.4021, 0.2647



18.0440, 0.3452, 0.3561



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.



43.5098, 0.4286, 0.4088



54.2266, 0.4574, 0.4203



66.9985, 0.3880, 0.4644



14.2470, 0.3278, 0.3420



17.3832, 0.5236, 0.4224



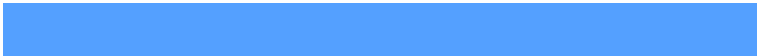
1.2970, 0.5021, 0.4396

Inverse Universe

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



30.2250, 0.2211, 0.2287



34.2328, 0.2041, 0.2039



16.6684, 0.2085, 0.1515



13.5632, 0.2982, 0.3156



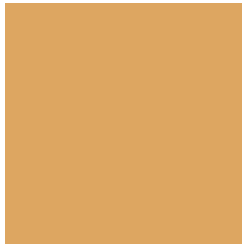
8.3295, 0.1723, 0.1403



0.7096, 0.1811, 0.1719

Previews

White Background



This preview shows how the Yxy color 43.5077, 0.4286, 0.4088 looks on a white background.

Color Contrast Check

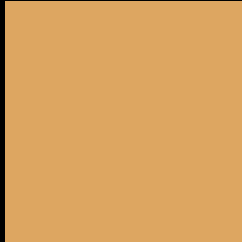
Large Text (above 18pt) WCAG AA × Fail

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 43.5077, 0.4286, 0.4088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

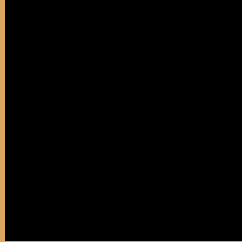
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5077, 0.4286, 0.4088

Background



This preview shows how black text looks on a background with the Yxy color 43.5077, 0.4286, 0.4088.



This preview shows how white text looks on a background with the Yxy color 43.5077, 0.4286, 0.4088.

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

43.5077, 0.4286, 0.4088

Protanopia

43.8532, 0.3921, 0.4265

Deuteranopia

43.4487, 0.4232, 0.4138



Tritanopia

43.3094, 0.3704, 0.3152

Trichromacy



Original Color

43.5077, 0.4286, 0.4088

Protanomaly

43.6446, 0.4051, 0.4195

Deuteranomaly

43.3874, 0.4258, 0.4120

Tritanomaly

43.1323, 0.3935, 0.3494

Monochromacy



Original Color

43.5077, 0.4286, 0.4088

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8181, 0.3531, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5077, 0.4286, 0.4088 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(221, 166, 97)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 166, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 166, 97) }
```

Border

The CSS property to change the border of an element to Yxy 43.5077, 0.4286, 0.4088 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(221, 166, 97) }
```

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

```
.border{ border-color:rgb(221, 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(221, 166, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 166, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 166, 97);  
box-shadow:4px 4px 4px 4px rgb(221, 166,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5077, 0.4286, 0.4088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 166, 97) }
```

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

```
.background{ background-color: rgb(221,  
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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