

Converting Colors

$Y_{xy}(43.2429, 0.4291, 0.4066)$

Have a look what the booklet for
Yxy(43.2429, 0.4291, 0.4066)
contains.

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Color

Yxy(43.3217, 0.4295, 0.4064)

Conversions

Conversions Part 1

Format	Color
Hex	DEA562
RGB	222, 165, 98
RGB Percent	87%, 65%, 38%
CMY	0.1294, 0.3529, 0.6159
CMYK	0.00, 0.26, 0.56, 0.13
HSL	32°, 65%, 63%
HSV	32°, 56%, 87%
XYZ	45.7841, 43.3217, 17.4928
YIQ	174.4050, 55.4790, -8.7530

Conversions

Conversions Part 2

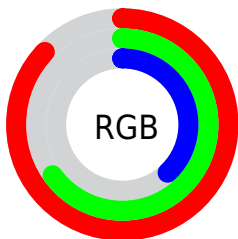
Format	Color
RYB	203, 222, 98
Decimal	14591330
CIELab	71.77, 13.62, 42.61
CIELCh	72, 44.730, 72.276
Yxy	43.3217, 0.4295, 0.4064
Android (android.graphics.Color)	4292781410 (0xFFDEA562)
YUV	174.4050, -37.6677, 41.7408
Hunter-Lab	65.8192, 8.9817, 30.3159

Details

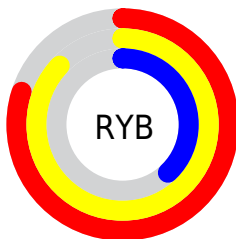
The Yxy color **43.3217, 0.4295, 0.4064** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.2979, 0.2220, 0.2322**, and the grayscale version is **42.7224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6484, 0.3880, 0.4004**, and **19.9245, 0.4603, 0.4213** is the 20% darker color. If you saturate the color by 10%, you get **39.4265, 0.4554, 0.4165**, and if you desaturate by 10%, it is **47.6310, 0.4042, 0.3938**.

Distribution



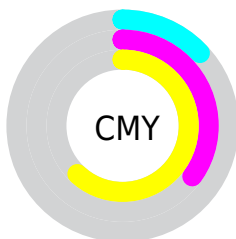
- Red (87%)
- Green (65%)
- Blue (38%)



- Red (80%)
- Yellow (87%)
- Blue (38%)



- Cyan (0%)
- Magenta (26%)
- Yellow (56%)
- Black (13%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3217, 0.4295, 0.4064 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 43.3217, 0.4295, 0.4064 by changing the saturation by 10% instead.


 43.3217, 0.4295,
0.4064


 43.3217, 0.4295,
0.4064


359.9331, 0.3715,
0.3708

 30.1376, 0.4432,
0.4138


 80.1961, 0.4089,
0.3945

 19.9431, 0.4600,
0.4221


 104.6552, 0.4010,
0.3897

 12.3537, 0.4808,
0.4312


 133.6414, 0.3943,
0.3855

 6.9850, 0.5066,
0.4398

 167.5391, 0.3884,
0.3818

 3.4527, 0.5474,
0.4526

206.7328, 0.3834,
0.3786

 1.3724, 0.5677,
0.4323

251.6067, 0.3790,

 0.1963, 0.7256,

0.3757

0.2744

302.5453, 0.3750,
0.3731

0.0000, 0.0000,
0.0000

43.3217, 0.4295,
0.4064

43.3217, 0.4295,
0.4064

39.4265, 0.4554,
0.4165

47.6310, 0.4042,
0.3938

35.9223, 0.4806,
0.4227

52.3634, 0.3805,
0.3797

32.7926, 0.5037,
0.4240

57.5353, 0.3587,
0.3651

30.0160, 0.5231,
0.4197

63.1600, 0.3392,
0.3507

28.9620, 0.5305,
0.4170

69.2505, 0.3219,
0.3368

■ 75.8187, 0.3067,
0.3237

■ 82.8763, 0.2933,
0.3115

■ 89.0385, 0.2927,
0.3204

■ 94.2709, 0.2929,
0.3289

Harmonies

Analogous

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



43.3217, 0.4393, 0.3594



43.3217, 0.4295, 0.4064



43.3217, 0.3875, 0.4401

Triad

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



43.3217, 0.4295, 0.4064



43.3217, 0.2218, 0.3373



43.3217, 0.2870, 0.2400

Complementary

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



43.3217, 0.4295, 0.4064



31.2979, 0.2220, 0.2322

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.



43.3217, 0.2351, 0.2296



43.3217, 0.4295, 0.4064



43.3217, 0.2007, 0.2779

Square

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



43.3217, 0.4295, 0.4064



43.3217, 0.2673, 0.4025



43.3217, 0.2055, 0.2414



43.3217, 0.3520, 0.2689

Rectangle

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



43.3217, 0.4295, 0.4064



43.3217, 0.3487, 0.4462



43.3217, 0.2055, 0.2414



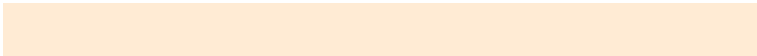
43.3217, 0.2676, 0.2343

Sweetspot

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



43.3238, 0.4295, 0.4064



85.4584, 0.3416, 0.3525



26.6532, 0.3987, 0.2625



17.9505, 0.3454, 0.3554



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.



43.3238, 0.4295, 0.4064



53.1465, 0.4596, 0.4178



68.0137, 0.3895, 0.4631



14.9217, 0.3279, 0.3417



17.4265, 0.5284, 0.4187



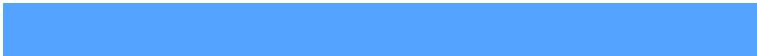
1.3865, 0.5070, 0.4356

Inverse Universe

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



31.2979, 0.2220, 0.2322



35.1848, 0.2050, 0.2076



16.8317, 0.2075, 0.1516



14.2759, 0.2981, 0.3160



8.9954, 0.1737, 0.1451



0.8011, 0.1818, 0.1745

Previews

White Background



This preview shows how the Yxy color 43.3217, 0.4295, 0.4064 looks on a white background.

Color Contrast Check

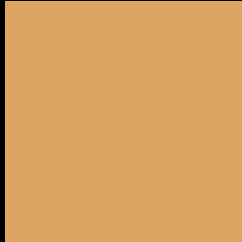
Large Text (above 18pt) WCAG AA × Fail

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 43.3217, 0.4295, 0.4064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

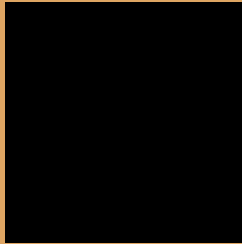
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3217, 0.4295, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 43.3217, 0.4295, 0.4064.



This preview shows how white text looks on a background with the Yxy color 43.3217, 0.4295, 0.4064.

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

43.3217, 0.4295, 0.4064

Protanopia

43.3474, 0.3910, 0.4246

Deuteranopia

43.3154, 0.4214, 0.4132



Tritanopia

43.4725, 0.3713, 0.3152

Trichromacy



Original Color

43.3217, 0.4295, 0.4064

Protanomaly

43.2820, 0.4049, 0.4172

Deuteranomaly

43.4059, 0.4250, 0.4110

Tritanomaly

43.2935, 0.3944, 0.3493

Monochromacy



Original Color

43.3217, 0.4295, 0.4064

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.2775, 0.3534, 0.3623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3217, 0.4295, 0.4064 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(222, 165, 98)` looks like.

```
.text, #text, p{  
    color:rgb(222, 165, 98)  
}
```

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(222, 165, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 165, 98) }
```

Border

The CSS property to change the border of an element to Yxy 43.3217, 0.4295, 0.4064 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(222, 165, 98) }
```

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

```
.border{ border-color:rgb(222, 165, 98) }
```

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

Here you see how a box with a 4 pixel rgb(222, 165, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 165, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 165, 98);  
box-shadow:4px 4px 4px 4px rgb(222, 165,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3217, 0.4295, 0.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 165, 98) }
```

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

```
.background{ background-color: rgb(222,  
165, 98) }
```

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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