

Converting Colors

$Yxy(42.3663, 0.4330, 0.4134)$

Have a look what the booklet for
Yxy(42.3663, 0.4330, 0.4134)
contains.

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Color

Yxy(42.3663, 0.4330, 0.4134)

Conversions

Conversions Part 1

Format	Color
Hex	DBA45B
RGB	219, 164, 91
RGB Percent	86%, 64%, 36%
CMY	0.1412, 0.3568, 0.6430
CMYK	0.00, 0.25, 0.58, 0.14
HSL	34°, 64%, 61%
HSV	34°, 58%, 86%
XYZ	44.3750, 42.3663, 15.7413
YIQ	172.1230, 56.2130, -11.0430

Conversions

Conversions Part 2

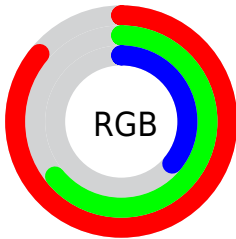
Format	Color
RYB	187, 219, 91
Decimal	14394459
CIELab	71.12, 12.36, 45.24
CIELCh	71, 46.900, 74.725
Yxy	42.3663, 0.4330, 0.4134
Android (android.graphics.Color)	4292584539 (0xFFDBA45B)
YUV	172.1230, -39.9936, 41.1111
Hunter-Lab	65.0894, 7.7866, 31.2238

Details

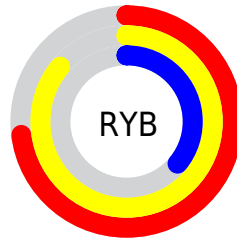
The Yxy color **42.3663, 0.4330, 0.4134** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **27.8969, 0.2169, 0.2210**, and the grayscale version is **41.5074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9062, 0.3932, 0.4063**, and **19.3255, 0.4648, 0.4300** is the 20% darker color. If you saturate the color by 10%, you get **38.7997, 0.4575, 0.4232**, and if you desaturate by 10%, it is **46.2964, 0.4085, 0.4006**.

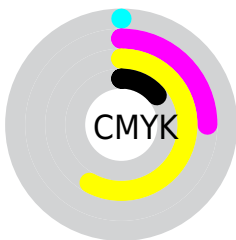
Distribution



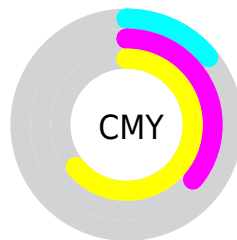
- Red (86%)
- Green (64%)
- Blue (36%)



- Red (73%)
- Yellow (86%)
- Blue (36%)



- Cyan (0%)
- Magenta (25%)
- Yellow (58%)
- Black (14%)





- Cyan (14%)
- Magenta (36%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3663, 0.4330, 0.4134 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 42.3663, 0.4330, 0.4134 by changing the saturation by 10% instead.

 42.3663, 0.4330,
0.4134


 42.3663, 0.4330,
0.4134


355.9992, 0.3735,
0.3745


 29.3882, 0.4469,
0.4214


 78.7537, 0.4119,
0.4004


 19.3747, 0.4637,
0.4304


 102.9318, 0.4038,
0.3952

 11.9413, 0.4843,
0.4400


 131.6121, 0.3969,
0.3906

 6.7037, 0.5106,
0.4499

 165.1788, 0.3909,
0.3865

 3.2775, 0.5430,
0.4570

204.0166, 0.3857,
0.3830

 1.2783, 0.5623,
0.4377

248.5096, 0.3811,

 0.1243, 0.7715,

0.3798

0.2285

299.0423, 0.3771,
0.3770

0.0000, 0.0000,
0.0000

42.3663, 0.4330,
0.4134

42.3663, 0.4330,
0.4134

38.7997, 0.4575,
0.4232

46.2964, 0.4085,
0.4006

35.5752, 0.4809,
0.4290

50.5978, 0.3852,
0.3862

32.6776, 0.5016,
0.4295

55.2853, 0.3635,
0.3709

30.0839, 0.5190,
0.4250

60.3711, 0.3437,
0.3557

29.7009, 0.5216,
0.4241

65.8664, 0.3261,
0.3409

■ 71.7822, 0.3104,
0.3269

■ 78.1289, 0.2966,
0.3138

■ 84.1727, 0.2906,
0.3128

■ 89.8343, 0.2909,
0.3225

Harmonies

Analogous

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



42.3663, 0.4470, 0.3644



42.3663, 0.4330, 0.4134



42.3663, 0.3864, 0.4478

Triad

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



42.3663, 0.4330, 0.4134



42.3663, 0.2142, 0.3317



42.3663, 0.2907, 0.2375

Complementary

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



42.3663, 0.4330, 0.4134



27.8969, 0.2169, 0.2210

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.



42.3663, 0.2347, 0.2249



42.3663, 0.4330, 0.4134



42.3663, 0.1947, 0.2706

Square

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



42.3663, 0.4330, 0.4134



42.3663, 0.2599, 0.4019



42.3663, 0.2019, 0.2348



42.3663, 0.3597, 0.2690

Rectangle

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



42.3663, 0.4330, 0.4134



42.3663, 0.3448, 0.4527



42.3663, 0.2019, 0.2348



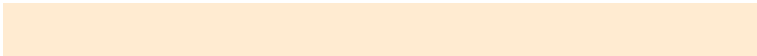
42.3663, 0.2699, 0.2310

Sweetspot

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



42.3684, 0.4330, 0.4134



85.4456, 0.3432, 0.3552



24.6344, 0.4108, 0.2650



17.8241, 0.3488, 0.3597



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.



42.3684, 0.4330, 0.4134



53.7538, 0.4627, 0.4249



65.1801, 0.3887, 0.4698



14.2782, 0.3277, 0.3423



17.8352, 0.5196, 0.4256



1.3253, 0.4989, 0.4421

Inverse Universe

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



27.8969, 0.2169, 0.2210



31.6211, 0.1992, 0.1939



15.2842, 0.2054, 0.1444



13.5326, 0.2982, 0.3153



7.9968, 0.1711, 0.1360



0.6869, 0.1800, 0.1679

Previews

White Background



This preview shows how the Yxy color 42.3663, 0.4330, 0.4134 looks on a white background.

Color Contrast Check

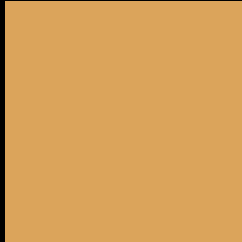
Large Text (above 18pt) WCAG AA × Fail

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 42.3663, 0.4330, 0.4134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

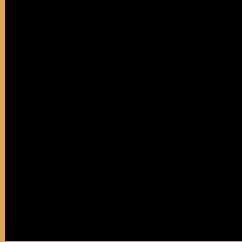
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3663, 0.4330, 0.4134

Background



This preview shows how black text looks on a background with the Yxy color 42.3663, 0.4330, 0.4134.



This preview shows how white text looks on a background with the Yxy color 42.3663, 0.4330, 0.4134.

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

42.3663, 0.4330, 0.4134

Protanopia

42.6926, 0.3960, 0.4320

Deuteranopia

42.3239, 0.4267, 0.4175



Tritanopia

42.2403, 0.3710, 0.3150

Trichromacy



Original Color

42.3663, 0.4330, 0.4134

Protanomaly

42.4905, 0.4091, 0.4246

Deuteranomaly

42.2645, 0.4294, 0.4157

Tritanomaly

42.0058, 0.3964, 0.3519

Monochromacy



Original Color

42.3663, 0.4330, 0.4134

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1779, 0.3547, 0.3640

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3663, 0.4330, 0.4134 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(219, 164, 91)` looks like.

```
.text, #text, p{  
    color:rgb(219, 164, 91)  
}
```

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(219, 164, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 164, 91) }
```

Border

The CSS property to change the border of an element to Yxy 42.3663, 0.4330, 0.4134 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(219, 164, 91) }
```

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

```
.border{ border-color:rgb(219, 164, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 164, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 164, 91); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 164, 91); box-shadow:4px 4px 4px 4px rgb(219, 164, 91) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3663, 0.4330, 0.4134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 164, 91) }
```

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

```
.background{ background-color: rgb(219,  
164, 91) }
```

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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