

Converting Colors

$Y_{xy}(44.0301, 0.4365, 0.4282)$

Have a look what the booklet for
Yxy(44.0301, 0.4365, 0.4282)
contains.

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Color

Yxy(44.0301, 0.4365, 0.4282)

Conversions

Conversions Part 1

Format	Color
Hex	DBA951
RGB	219, 169, 81
RGB Percent	86%, 66%, 32%
CMY	0.1412, 0.3372, 0.6824
CMYK	0.00, 0.23, 0.63, 0.14
HSL	38°, 66%, 59%
HSV	38°, 63%, 86%
XYZ	44.8836, 44.0301, 13.9124
YIQ	173.9180, 58.0480, -16.7680

Conversions

Conversions Part 2

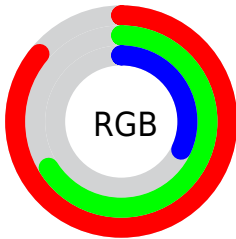
Format	Color
RYB	159, 219, 81
Decimal	14395729
CIELab	72.25, 8.98, 51.42
CIELCh	72, 52.197, 80.094
Yxy	44.0301, 0.4365, 0.4282
Android (android.graphics.Color)	4292585809 (0xFFDBA951)
YUV	173.9180, -45.8086, 39.5369
Hunter-Lab	66.3552, 4.6183, 34.0176

Details

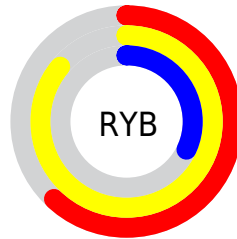
The Yxy color **44.0301, 0.4365, 0.4282** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **23.0824, 0.2066, 0.1964**, and the grayscale version is **42.5003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2648, 0.3974, 0.4202**, and **20.2849, 0.4650, 0.4475** is the 20% darker color. If you saturate the color by 10%, you get **40.8931, 0.4576, 0.4376**, and if you desaturate by 10%, it is **47.4563, 0.4144, 0.4153**.

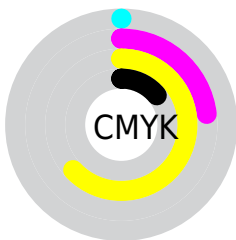
Distribution



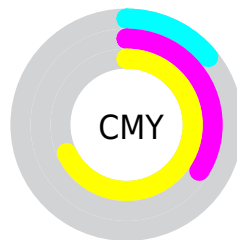
- Red (86%)
- Green (66%)
- Blue (32%)



- Red (62%)
- Yellow (86%)
- Blue (32%)



- Cyan (0%)
- Magenta (23%)
- Yellow (63%)
- Black (14%)





- Cyan (14%)
- Magenta (34%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0301, 0.4365, 0.4282 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 44.0301, 0.4365, 0.4282 by changing the saturation by 10% instead.


 44.0301, 0.4365,
0.4282


 44.0301, 0.4365,
0.4282

362.8311, 0.3767,
0.3827


 30.6942, 0.4498,
0.4373


 81.2630, 0.4158,
0.4131


 20.3661, 0.4655,
0.4475


 105.9288, 0.4077,
0.4070

 12.6614, 0.4839,
0.4582


 135.1400, 0.4007,
0.4016

 7.1958, 0.5090,
0.4718

 169.2811, 0.3946,
0.3969

 3.5849, 0.5270,
0.4730

 208.7363, 0.3893,
0.3928

 1.4442, 0.5406,
0.4594

253.8901, 0.3846,

 0.2489, 0.6468,

0.3890

0.3532

305.1269, 0.3804,
0.3857

0.0000, 0.0000,
0.0000

44.0301, 0.4365,
0.4282

44.0301, 0.4365,
0.4282

40.8931, 0.4576,
0.4376

47.4563, 0.4144,
0.4153

38.0250, 0.4767,
0.4425

51.1775, 0.3925,
0.4000

35.4120, 0.4927,
0.4422

55.2071, 0.3714,
0.3834

33.7235, 0.5022,
0.4394

59.5553, 0.3517,
0.3665

64.2320, 0.3336,
0.3497

■ 69.2463, 0.3173,
0.3337

■ 74.6069, 0.3027,
0.3185

■ 80.2467, 0.2904,
0.3056

■ 84.8242, 0.2906,
0.3139

Harmonies

Analogous

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



44.0301, 0.4603, 0.3760



44.0301, 0.4365, 0.4282



44.0301, 0.3804, 0.4627

Triad

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



44.0301, 0.4365, 0.4282



44.0301, 0.1995, 0.3175



44.0301, 0.3012, 0.2347

Complementary

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



44.0301, 0.4365, 0.4282



23.0824, 0.2066, 0.1964

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.



44.0301, 0.2368, 0.2170



44.0301, 0.4365, 0.4282



44.0301, 0.1841, 0.2554

Square

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



44.0301, 0.4365, 0.4282



44.0301, 0.2438, 0.3965



44.0301, 0.1969, 0.2226



44.0301, 0.3774, 0.2715

Rectangle

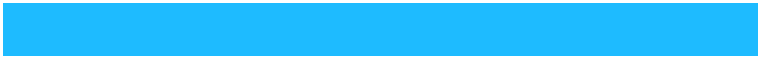
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.0301, 0.4365, 0.4282



44.0301, 0.3338, 0.4636



44.0301, 0.1969, 0.2226



44.0301, 0.2775, 0.2264

Sweetspot

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



44.0322, 0.4365, 0.4282



86.5752, 0.3445, 0.3599



22.5942, 0.4371, 0.2722



18.1305, 0.3498, 0.3648



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.



44.0322, 0.4365, 0.4282



56.2218, 0.4648, 0.4400



63.6117, 0.3854, 0.4827



14.4295, 0.3276, 0.3439



20.2133, 0.5006, 0.4407



1.4710, 0.4840, 0.4539

Inverse Universe

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



23.0824, 0.2066, 0.1964



24.5533, 0.1870, 0.1631



13.6691, 0.2028, 0.1325



13.3853, 0.2981, 0.3137



6.5647, 0.1657, 0.1163



0.5857, 0.1748, 0.1493

Previews

White Background



This preview shows how the Yxy color 44.0301, 0.4365, 0.4282 looks on a white background.

Color Contrast Check

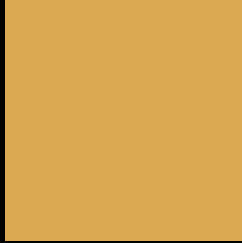
Large Text (above 18pt) WCAG AA × Fail

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 44.0301, 0.4365, 0.4282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

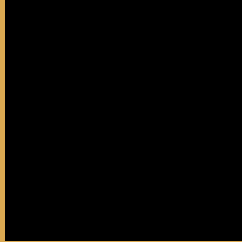
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0301, 0.4365, 0.4282

Background



This preview shows how black text looks on a background with the Yxy color 44.0301, 0.4365, 0.4282.



This preview shows how white text looks on a background with the Yxy color 44.0301, 0.4365, 0.4282.

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

44.0301, 0.4365, 0.4282

Protanopia

44.3512, 0.4066, 0.4448

Deuteranopia

44.0301, 0.4365, 0.4282



Tritanopia

43.9053, 0.3669, 0.3151

Trichromacy



Original Color

44.0301, 0.4365, 0.4282

Protanomaly

44.2636, 0.4172, 0.4389

Deuteranomaly

44.0301, 0.4365, 0.4282

Tritanomaly

43.7173, 0.3951, 0.3590

Monochromacy



Original Color

44.0301, 0.4365, 0.4282

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3456, 0.3575, 0.3718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0301, 0.4365, 0.4282 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, 169, 81)` looks like.

```
.text, #text, p{  
    color:rgb(219, 169, 81)  
}
```

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, 169, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 169, 81) }
```

Border

The CSS property to change the border of an element to Yxy 44.0301, 0.4365, 0.4282 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, 169, 81) }
```

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

```
.border{ border-color:rgb(219, 169, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 169, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 169, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 169, 81);  
box-shadow:4px 4px 4px 4px rgb(219, 169,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0301, 0.4365, 0.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 169, 81) }
```

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

```
.background{ background-color: rgb(219,  
169, 81) }
```

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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