

Converting Colors

$Y_{xy}(42.0852, 0.4328, 0.4320)$

Have a look what the booklet for
Yxy(42.0852, 0.4328, 0.4320)
contains.

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Color

Yxy(42.0364, 0.4327, 0.4325)

Conversions

Conversions Part 1

Format	Color
Hex	D3A74E
RGB	211, 167, 78
RGB Percent	83%, 65%, 31%
CMY	0.1726, 0.3451, 0.6942
CMYK	0.00, 0.21, 0.63, 0.17
HSL	40°, 60%, 57%
HSV	40°, 63%, 83%
XYZ	42.0558, 42.0364, 13.1017
YIQ	170.0100, 54.7930, -18.3510

Conversions

Conversions Part 2

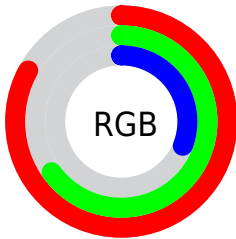
Format	Color
RYB	144, 211, 78
Decimal	13870926
CIELab	70.90, 6.45, 51.08
CIELCh	71, 51.488, 82.798
Yxy	42.0364, 0.4327, 0.4325
Android (android.graphics.Color)	4292061006 (0xFFD3A74E)
YUV	170.0100, -45.3609, 35.9482
Hunter-Lab	64.8355, 2.3228, 33.4037

Details

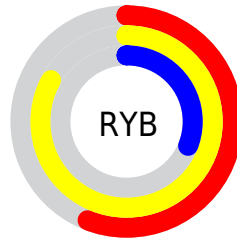
The Yxy color **42.0364, 0.4327, 0.4325** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **20.2332, 0.2053, 0.1900**, and the grayscale version is **40.4139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1143, 0.4003, 0.4211**, and **19.1040, 0.4615, 0.4535** is the 20% darker color. If you saturate the color by 10%, you get **39.2948, 0.4524, 0.4425**, and if you desaturate by 10%, it is **45.0171, 0.4118, 0.4190**.

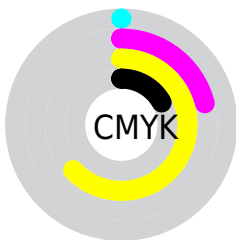
Distribution



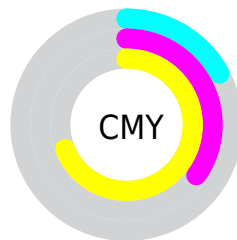
- Red (83%)
- Green (65%)
- Blue (31%)



- Red (56%)
- Yellow (83%)
- Blue (31%)



- Cyan (0%)
- Magenta (21%)
- Yellow (63%)
- Black (17%)




- Cyan (17%)
- Magenta (35%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0364, 0.4327, 0.4325 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 42.0364, 0.4327, 0.4325 by changing the saturation by 10% instead.


 42.0364, 0.4327,
0.4325

 42.0364, 0.4327,
0.4325

354.6338, 0.3745,
0.3842


 29.1298, 0.4456,
0.4425


 78.2547, 0.4125,
0.4163


 19.1790, 0.4609,
0.4537


 102.3352, 0.4046,
0.4098

 11.7997, 0.4785,
0.4657


 130.9091, 0.3978,
0.4041

 6.6074, 0.5052,
0.4837

 164.3609, 0.3919,
0.3991

 3.2178, 0.5171,
0.4829

 203.0748, 0.3867,
0.3947

 1.2465, 0.5279,
0.4721

247.4353, 0.3821,

 0.0992, 0.7174,

0.3908

0.2826

297.8269, 0.3781,
0.3873

■ 0.0000, 0.0000,
0.0000

■ 42.0364, 0.4327,
0.4325

■ 42.0364, 0.4327,
0.4325

■ 39.2948, 0.4524,
0.4425

■ 45.0171, 0.4118,
0.4190

■ 36.7743, 0.4701,
0.4481

■ 48.2412, 0.3908,
0.4030

■ 34.4631, 0.4847,
0.4486

■ 51.7204, 0.3704,
0.3858

■ 32.9627, 0.4933,
0.4465

■ 55.4634, 0.3512,
0.3681

■ 59.4786, 0.3335,
0.3507

■ 63.7735, 0.3173,
0.3339

■ 68.3558, 0.3028,
0.3181

■ 73.2322, 0.2897,
0.3033

■ 77.5521, 0.2853,
0.3024

Harmonies

Analogous

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



42.0364, 0.4601, 0.3810



42.0364, 0.4327, 0.4325



42.0364, 0.3745, 0.4643

Triad

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



42.0364, 0.4327, 0.4325



42.0364, 0.1967, 0.3108



42.0364, 0.3079, 0.2372

Complementary

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



42.0364, 0.4327, 0.4325



20.2332, 0.2053, 0.1900

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.



42.0364, 0.2416, 0.2175



42.0364, 0.4327, 0.4325



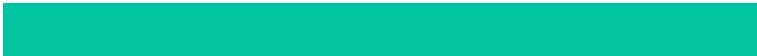
42.0364, 0.1840, 0.2511

Square

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



42.0364, 0.4327, 0.4325



42.0364, 0.2386, 0.3897



42.0364, 0.1993, 0.2209



42.0364, 0.3842, 0.2754

Rectangle

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



42.0364, 0.4327, 0.4325



42.0364, 0.3273, 0.4622



42.0364, 0.1993, 0.2209



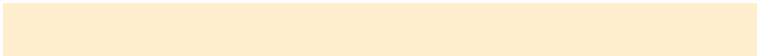
42.0364, 0.2837, 0.2283

Sweetspot

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



42.0384, 0.4327, 0.4325



87.4634, 0.3442, 0.3614



20.7076, 0.4440, 0.2776



18.3461, 0.3495, 0.3665



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.



42.0384, 0.4327, 0.4325



58.8231, 0.4594, 0.4452



57.9310, 0.3816, 0.4847



13.1113, 0.3274, 0.3445



20.0892, 0.4919, 0.4476



1.2654, 0.4754, 0.4608

Inverse Universe

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



20.2332, 0.2053, 0.1900



22.9583, 0.1850, 0.1552



12.8675, 0.2064, 0.1345



12.0472, 0.2982, 0.3130



5.6333, 0.1635, 0.1084



0.4593, 0.1739, 0.1460

Previews

White Background



This preview shows how the Yxy color 42.0364, 0.4327, 0.4325 looks on a white background.

Color Contrast Check

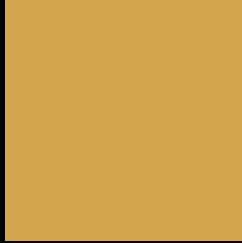
Large Text (above 18pt) WCAG AA × Fail

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 42.0364, 0.4327, 0.4325 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 42.0364, 0.4327, 0.4325

Background



This preview shows how black text looks on a background with the Yxy color 42.0364, 0.4327, 0.4325.



This preview shows how white text looks on a background with the Yxy color 42.0364, 0.4327, 0.4325.

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

42.0364, 0.4327, 0.4325

Protanopia

42.1887, 0.4084, 0.4466

Deuteranopia

41.9074, 0.4382, 0.4285



Tritanopia

41.8839, 0.3616, 0.3147

Trichromacy



Original Color

42.0364, 0.4327, 0.4325

Protanomaly

41.9697, 0.4182, 0.4410

Deuteranomaly

42.1186, 0.4364, 0.4300

Tritanomaly

41.7144, 0.3901, 0.3600

Monochromacy



Original Color

42.0364, 0.4327, 0.4325

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.4964, 0.3563, 0.3727

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0364, 0.4327, 0.4325 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(211, 167, 78)` looks like.

```
.text, #text, p{  
    color:rgb(211, 167, 78)  
}
```

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(211, 167, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 167, 78) }
```

Border

The CSS property to change the border of an element to Yxy 42.0364, 0.4327, 0.4325 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(211, 167, 78) }
```

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

```
.border{ border-color:rgb(211, 167, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 167, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 167, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 167, 78);  
box-shadow:4px 4px 4px 4px rgb(211, 167,  
78) }
```


Background

The CSS property to change the background color of an element to `rgb(211, 167, 78)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 167, 78) }
```

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

```
.background{ background-color: rgb(211,  
167, 78) }
```

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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