

Converting Colors

$Yxy(60.9356, 0.3832, 0.4153)$

Have a look what the booklet for
Yxy(60.9356, 0.3832, 0.4153)
contains.

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Color

Yxy(60.9356, 0.3832, 0.4153)

Conversions

Conversions Part 1

Format	Color
Hex	DFCD81
RGB	223, 205, 129
RGB Percent	87%, 80%, 51%
CMY	0.1255, 0.1961, 0.4941
CMYK	0.00, 0.08, 0.42, 0.13
HSL	49°, 59%, 69%
HSV	49°, 42%, 87%
XYZ	56.2257, 60.9356, 29.5654
YIQ	201.7180, 35.1240, -19.8200

Conversions

Conversions Part 2

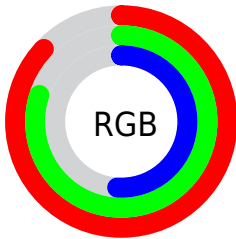
Format	Color
RYB	151, 223, 129
Decimal	14667137
CIELab	82.34, -4.17, 40.05
CIELCh	82, 40.265, 95.942
Yxy	60.9356, 0.3832, 0.4153
Android (android.graphics.Color)	4292857217 (0xFFDFCD81)
YUV	201.7180, -35.8500, 18.6643
Hunter-Lab	78.0613, -8.0379, 32.1870

Details

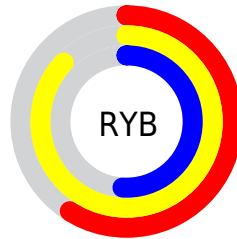
The Yxy color **60.9356, 0.3832, 0.4153** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.8608, 0.2382, 0.2241**, and the grayscale version is **59.0905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1989, 0.3556, 0.3998**, and **30.7903, 0.3988, 0.4360** is the 20% darker color. If you saturate the color by 10%, you get **58.3937, 0.4006, 0.4340**, and if you desaturate by 10%, it is **63.6683, 0.3655, 0.3950**.

Distribution



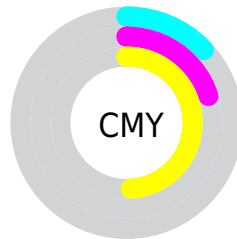
- Red (87%)
- Green (80%)
- Blue (51%)



- Red (59%)
- Yellow (87%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (42%)
- Black (13%)





- Cyan (13%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9356, 0.3832, 0.4153 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 60.9356, 0.3832, 0.4153 by changing the saturation by 10% instead.

 60.9356, 0.3832,
0.4153


 60.9356, 0.3832,
0.4153


428.0378, 0.3506,
0.3746


 44.1732, 0.3904,
0.4245

 106.1857, 0.3720,
0.4012

 30.8067, 0.3990,
0.4358


 135.4422, 0.3676,
0.3957

 20.4517, 0.4095,
0.4497


 169.6321, 0.3638,
0.3909

 12.7238, 0.4221,
0.4670

209.1399, 0.3605,
0.3868

 7.2386, 0.4370,
0.4885

254.3500, 0.3576,
0.3832

 3.6118, 0.4682,
0.5318

305.6468, 0.3550,

 1.4589, 0.4613,

0.3800

0.5387

363.4146, 0.3527,
0.3771

0.2595, 0.3583,
0.6417

0.0000, 0.0000,
0.0000

60.9356, 0.3832,
0.4153

60.9356, 0.3832,
0.4153

58.3937, 0.4006,
0.4340

63.6683, 0.3655,
0.3950

56.0252, 0.4169,
0.4501


66.5915, 0.3481,
0.3741

53.8229, 0.4315,
0.4627


69.7156, 0.3315,
0.3534

51.7755, 0.4436,
0.4708


73.0476, 0.3159,
0.3332


 49.8693, 0.4528,
0.4743


 76.5942, 0.3015,
0.3141

 48.4553, 0.4583,
0.4743

 79.8491, 0.2929,
0.3039

 82.2633, 0.2930,
0.3083

 84.7361, 0.2931,
0.3128

 87.2679, 0.2932,
0.3172

Harmonies

Analogous

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



60.9356, 0.4116, 0.3864



60.9356, 0.3832, 0.4153



60.9356, 0.3371, 0.4212

Triad

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



60.9356, 0.3832, 0.4153



60.9356, 0.2226, 0.2978



60.9356, 0.3336, 0.2735

Complementary

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



60.9356, 0.3832, 0.4153



30.8608, 0.2382, 0.2241

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.



60.9356, 0.2822, 0.2523



60.9356, 0.3832, 0.4153



60.9356, 0.2218, 0.2627

Square

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



60.9356, 0.3832, 0.4153



60.9356, 0.2453, 0.3476



60.9356, 0.2425, 0.2478



60.9356, 0.3826, 0.3071

Rectangle

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



60.9356, 0.3832, 0.4153



60.9356, 0.3030, 0.4077



60.9356, 0.2425, 0.2478



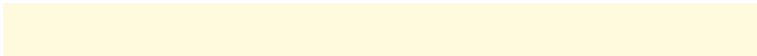
60.9356, 0.3159, 0.2648

Sweetspot

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



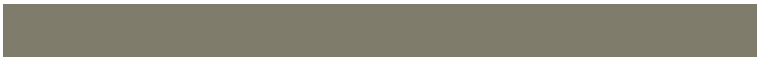
60.9384, 0.3832, 0.4153



94.0630, 0.3330, 0.3553



33.5200, 0.3992, 0.3069



19.9280, 0.3367, 0.3599



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.



60.9384, 0.3832, 0.4153



79.3892, 0.3993, 0.4326



65.9376, 0.3533, 0.4412



15.5601, 0.3272, 0.3478



28.6487, 0.4576, 0.4749



2.1019, 0.4506, 0.4804

Inverse Universe

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



30.8608, 0.2382, 0.2241



33.3407, 0.2202, 0.1964



28.2158, 0.2568, 0.2063



13.6659, 0.2981, 0.3095



4.2588, 0.1552, 0.0787



0.4185, 0.1627, 0.1058

Previews

White Background



This preview shows how the Yxy color 60.9356, 0.3832, 0.4153 looks on a white background.

Color Contrast Check

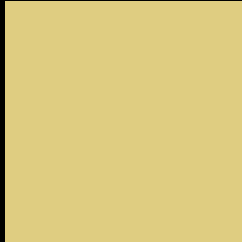
Large Text (above 18pt) WCAG AA × Fail

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 60.9356, 0.3832, 0.4153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

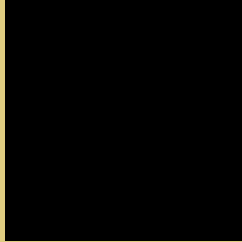
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9356, 0.3832, 0.4153

Background



This preview shows how black text looks on a background with the Yxy color 60.9356, 0.3832, 0.4153.

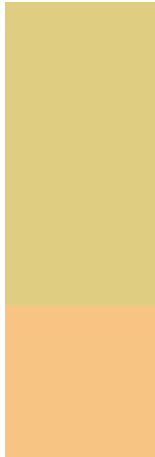


This preview shows how white text looks on a background with the Yxy color 60.9356, 0.3832, 0.4153.

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

60.9356, 0.3832, 0.4153

Protanopia

60.9356, 0.3832, 0.4153

Deuteranopia

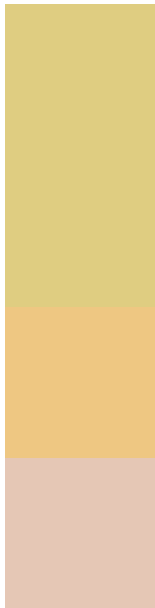
60.8927, 0.4064, 0.3979



Tritanopia

60.8392, 0.3311, 0.3127

Trichromacy



Original Color

60.9356, 0.3832, 0.4153

Protanomaly

60.9356, 0.3832, 0.4153

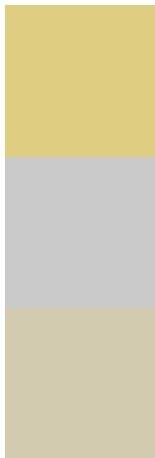
Deuteranomaly

60.6357, 0.3980, 0.4042

Tritanomaly

60.8411, 0.3507, 0.3493

Monochromacy



Original Color

60.9356, 0.3832, 0.4153

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.5087, 0.3389, 0.3622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9356, 0.3832, 0.4153 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(223, 205, 129)` looks like.

```
.text, #text, p{  
    color:rgb(223, 205, 129)  
}
```

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(223, 205, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 205, 129) }
```

Border

The CSS property to change the border of an element to Yxy 60.9356, 0.3832, 0.4153 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(223, 205, 129) }
```

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

```
.border{ border-color:rgb(223, 205, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 205, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 205, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 205, 129);  
box-shadow:4px 4px 4px 4px rgb(223, 205,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9356, 0.3832, 0.4153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 205, 129) }
```

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

```
.background{ background-color: rgb(223,  
205, 129) }
```

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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