

Converting Colors

Yxy(60.9623, 0.3825, 0.4142)

Have a look what the booklet for
Yxy(60.9623, 0.3825, 0.4142)
contains.

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Color

Yxy(60.9623, 0.3825, 0.4142)

Conversions

Conversions Part 1

Format	Color
Hex	DFCD82
RGB	223, 205, 130
RGB Percent	87%, 80%, 51%
CMY	0.1254, 0.1961, 0.4902
CMYK	0.00, 0.08, 0.42, 0.13
HSL	48°, 59%, 69%
HSV	48°, 42%, 87%
XYZ	56.2967, 60.9623, 29.9219
YIQ	201.8320, 34.8030, -19.5090

Conversions

Conversions Part 2

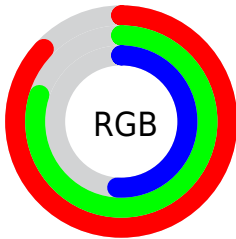
Format	Color
RYB	152, 223, 130
Decimal	14667138
CIELab	82.36, -4.05, 39.55
CIELCh	82, 39.762, 95.851
Yxy	60.9623, 0.3825, 0.4142
Android (android.graphics.Color)	4292857218 (0xFFDFCD82)
YUV	201.8320, -35.4132, 18.5643
Hunter-Lab	78.0784, -7.9337, 31.9332

Details

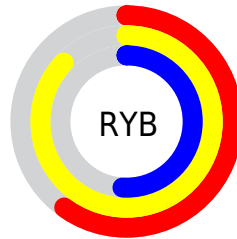
The Yxy color **60.9623, 0.3825, 0.4142** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.2646, 0.2392, 0.2257**, and the grayscale version is **59.1644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2407, 0.3550, 0.3988**, and **30.8047, 0.3980, 0.4347** is the 20% darker color. If you saturate the color by 10%, you get **58.3909, 0.4000, 0.4330**, and if you desaturate by 10%, it is **63.7262, 0.3648, 0.3939**.

Distribution



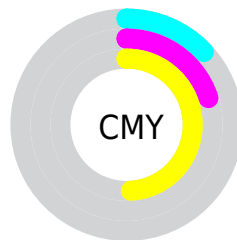
- Red (87%)
- Green (80%)
- Blue (51%)



- Red (60%)
- 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 60.9623, 0.3825, 0.4142 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 60.9623, 0.3825, 0.4142 by changing the saturation by 10% instead.


 60.9623, 0.3825,
0.4142


 60.9623, 0.3825,
0.4142


428.1358, 0.3502,
0.3740


 44.1947, 0.3896,
0.4233


 106.2243, 0.3714,
0.4002

 30.8236, 0.3982,
0.4344


 135.4876, 0.3671,
0.3948

 20.4646, 0.4087,
0.4482


 169.6849, 0.3633,
0.3901

 12.7332, 0.4213,
0.4654


209.2007, 0.3600,
0.3861

 7.2451, 0.4362,
0.4868

254.4192, 0.3571,
0.3825

 3.6158, 0.4687,
0.5313

305.7250, 0.3545,

 1.4611, 0.4621,

0.3793

0.5379

363.5024, 0.3522,
0.3765

■ 0.2611, 0.3637,
0.6363

■ 0.0000, 0.0000,
0.0000

■ 60.9623, 0.3825,
0.4142

■ 60.9623, 0.3825,
0.4142

■ 58.3909, 0.4000,
0.4330

■ 63.7262, 0.3648,
0.3939

■ 55.9947, 0.4164,
0.4492

■ 66.6823, 0.3474,
0.3731


■ 53.7665, 0.4312,
0.4619

■ 69.8410, 0.3308,
0.3524


■ 51.6949, 0.4435,
0.4702


■ 73.2094, 0.3152,
0.3323


 49.7666, 0.4529,
0.4739

 76.7940, 0.3009,
0.3133

 48.2572, 0.4588,
0.4739

 80.0199, 0.2929,
0.3042

 82.4675, 0.2930,
0.3087

 84.9752, 0.2931,
0.3132

 87.5434, 0.2932,
0.3177

Harmonies

Analogous

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



60.9623, 0.4104, 0.3857



60.9623, 0.3825, 0.4142



60.9623, 0.3370, 0.4200

Triad

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



60.9623, 0.3825, 0.4142



60.9623, 0.2237, 0.2984



60.9623, 0.3332, 0.2740

Complementary

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



60.9623, 0.3825, 0.4142



31.2646, 0.2392, 0.2257

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.



60.9623, 0.2824, 0.2531



60.9623, 0.3825, 0.4142



60.9623, 0.2228, 0.2636

Square

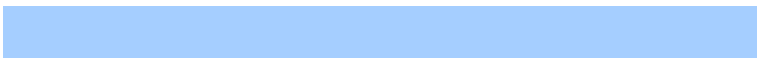
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.9623, 0.3825, 0.4142



60.9623, 0.2462, 0.3476



60.9623, 0.2433, 0.2487



60.9623, 0.3816, 0.3072

Rectangle

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



60.9623, 0.3825, 0.4142



60.9623, 0.3033, 0.4067



60.9623, 0.2433, 0.2487



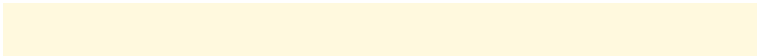
60.9623, 0.3157, 0.2654

Sweetspot

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



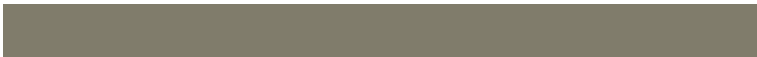
60.9651, 0.3825, 0.4142



94.0164, 0.3331, 0.3552



33.8166, 0.3979, 0.3071



19.9164, 0.3367, 0.3598



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.



60.9651, 0.3825, 0.4142



79.5652, 0.3977, 0.4306



66.0147, 0.3529, 0.4400



15.5546, 0.3272, 0.3478



28.5292, 0.4581, 0.4745



2.0946, 0.4510, 0.4801

Inverse Universe

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



31.2646, 0.2392, 0.2257



34.2925, 0.2222, 0.1998



28.5571, 0.2575, 0.2078



13.6710, 0.2981, 0.3095



4.2817, 0.1553, 0.0791



0.4209, 0.1629, 0.1063

Previews

White Background



This preview shows how the Yxy color 60.9623, 0.3825, 0.4142 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 60.9623, 0.3825, 0.4142 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 60.9623, 0.3825, 0.4142

Background



This preview shows how black text looks on a background with the Yxy color 60.9623, 0.3825, 0.4142.



This preview shows how white text looks on a background with the Yxy color 60.9623, 0.3825, 0.4142.

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

60.9623, 0.3825, 0.4142

Protanopia

60.9623, 0.3825, 0.4142

Deuteranopia

60.9200, 0.4056, 0.3969



Tritanopia

60.8392, 0.3311, 0.3127

Trichromacy



Original Color

60.9623, 0.3825, 0.4142

Protanomaly

60.9623, 0.3825, 0.4142

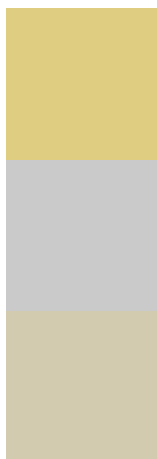
Deuteranomaly

60.6627, 0.3973, 0.4031

Tritanomaly

60.8411, 0.3507, 0.3493

Monochromacy



Original Color

60.9623, 0.3825, 0.4142

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.5481, 0.3381, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9623, 0.3825, 0.4142 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(223, 205, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 205, 130) }
```

Border

The CSS property to change the border of an element to Yxy 60.9623, 0.3825, 0.4142 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, 130) }
```

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

```
.border{ border-color:rgb(223, 205, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 205, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 205, 130);  
box-shadow:4px 4px 4px 4px rgb(223, 205,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9623, 0.3825, 0.4142 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, 130) }
```

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

```
.background{ background-color: rgb(223,  
205, 130) }
```

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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