

Converting Colors

$Yxy(60.3568, 0.3814, 0.4124)$

Have a look what the booklet for
Yxy(60.3568, 0.3814, 0.4124)
contains.

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Color

Yxy(60.3540, 0.3814, 0.4124)

Conversions

Conversions Part 1

Format	Color
Hex	DECC83
RGB	222, 204, 131
RGB Percent	87%, 80%, 51%
CMY	0.1293, 0.2000, 0.4863
CMYK	0.00, 0.08, 0.41, 0.13
HSL	48°, 58%, 69%
HSV	48°, 41%, 87%
XYZ	55.8172, 60.3540, 30.1770
YIQ	201.0600, 34.1610, -18.8870

Conversions

Conversions Part 2

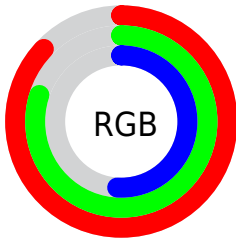
Format	Color
RYB	153, 222, 131
Decimal	14601347
CIELab	82.03, -3.83, 38.62
CIElCh	82, 38.810, 95.670
Yxy	60.3540, 0.3814, 0.4124
Android (android.graphics.Color)	4292791427 (0xFFDECC83)
YUV	201.0600, -34.5396, 18.3644
Hunter-Lab	77.6878, -7.7049, 31.3509

Details

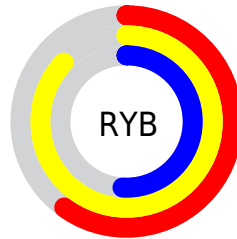
The Yxy color **60.3540, 0.3814, 0.4124** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.5974, 0.2406, 0.2284**, and the grayscale version is **58.6524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **30.3912, 0.3968, 0.4326** is the 20% darker color. If you saturate the color by 10%, you get **57.7583, 0.3990, 0.4312**, and if you desaturate by 10%, it is **63.1432, 0.3636, 0.3922**.

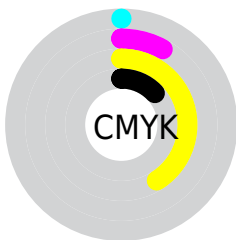
Distribution



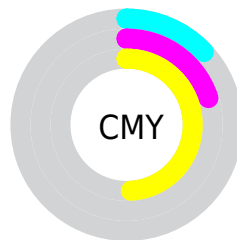
- Red (87%)
- Green (80%)
- Blue (51%)



- Red (60%)
- Yellow (87%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (13%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3540, 0.3814, 0.4124 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 60.3540, 0.3814, 0.4124 by changing the saturation by 10% instead.


 60.3540, 0.3814,
0.4124


 60.3540, 0.3814,
0.4124


425.9014, 0.3495,
0.3730


 43.7040, 0.3885,
0.4214


 105.3430, 0.3704,
0.3987

 30.4379, 0.3971,
0.4324


 134.4509, 0.3661,
0.3933

 20.1712, 0.4075,
0.4460


 168.4801, 0.3624,
0.3888

 12.5196, 0.4202,
0.4631

207.8152, 0.3592,
0.3848

 7.0986, 0.4354,
0.4845

252.8404, 0.3563,
0.3813

 3.5238, 0.4696,
0.5304

303.9403, 0.3538,

 1.4109, 0.4632,

0.3782

0.5368

361.4991, 0.3515,
0.3754

■ 0.2248, 0.3481,
0.6519

■ 0.0000, 0.0000,
0.0000

■ 60.3540, 0.3814,
0.4124

■ 60.3540, 0.3814,
0.4124

■ 57.7583, 0.3990,
0.4312

■ 63.1432, 0.3636,
0.3922

■ 55.3389, 0.4157,
0.4476


■ 66.1257, 0.3462,
0.3714


■ 53.0888, 0.4307,
0.4605


■ 69.3115, 0.3297,
0.3508


■ 50.9970, 0.4434,
0.4691


■ 72.7078, 0.3142,
0.3309

 49.0503, 0.4532,
0.4730

 76.3210, 0.2999,
0.3121

 47.4021, 0.4598,
0.4731

 79.5505, 0.2922,
0.3036

 82.0325, 0.2923,
0.3082

 84.5767, 0.2925,
0.3127

 87.1834, 0.2926,
0.3173

Harmonies

Analogous

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



60.3540, 0.4085, 0.3845



60.3540, 0.3814, 0.4124



60.3540, 0.3369, 0.4181

Triad

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



60.3540, 0.3814, 0.4124



60.3540, 0.2255, 0.2994



60.3540, 0.3325, 0.2749

Complementary

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



60.3540, 0.3814, 0.4124



31.5974, 0.2406, 0.2284

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.



60.3540, 0.2828, 0.2544



60.3540, 0.3814, 0.4124



60.3540, 0.2245, 0.2651

Square

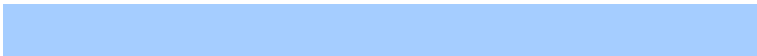
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.3540, 0.3814, 0.4124



60.3540, 0.2478, 0.3475



60.3540, 0.2444, 0.2503



60.3540, 0.3800, 0.3075

Rectangle

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



60.3540, 0.3814, 0.4124



60.3540, 0.3039, 0.4051



60.3540, 0.2444, 0.2503



60.3540, 0.3154, 0.2665

Sweetspot

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



60.3568, 0.3814, 0.4124



94.3799, 0.3314, 0.3530



33.9392, 0.3957, 0.3074



20.0757, 0.3336, 0.3557



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.



60.3568, 0.3814, 0.4124



79.6162, 0.3962, 0.4283



65.4537, 0.3523, 0.4380



15.5444, 0.3272, 0.3477



28.3106, 0.4591, 0.4737



2.0812, 0.4518, 0.4795

Inverse Universe

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



31.5974, 0.2406, 0.2284



35.3398, 0.2243, 0.2035



28.8051, 0.2587, 0.2101



13.6804, 0.2981, 0.3096



4.3245, 0.1555, 0.0798



0.4253, 0.1631, 0.1073

Previews

White Background



This preview shows how the Yxy color 60.3540, 0.3814, 0.4124 looks on a white background.

Color Contrast Check

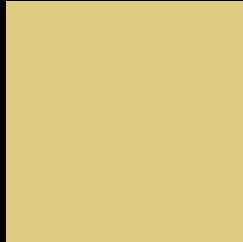
Large Text (above 18pt) WCAG AA × Fail

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 60.3540, 0.3814, 0.4124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

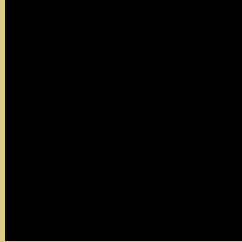
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

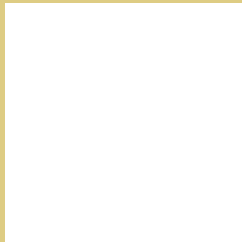
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3540, 0.3814, 0.4124

Background



This preview shows how black text looks on a background with the Yxy color 60.3540, 0.3814, 0.4124.



This preview shows how white text looks on a background with the Yxy color 60.3540, 0.3814, 0.4124.

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

60.3540, 0.3814, 0.4124

Protanopia

60.3540, 0.3814, 0.4124

Deuteranopia

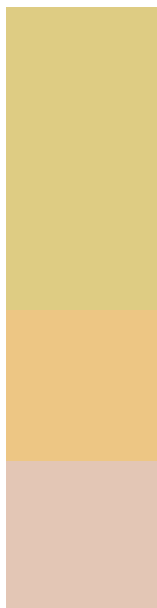
60.1361, 0.4037, 0.3954



Tritanopia

60.0597, 0.3296, 0.3115

Trichromacy



Original Color

60.3540, 0.3814, 0.4124

Protanomaly

60.3540, 0.3814, 0.4124

Deuteranomaly

60.0586, 0.3962, 0.4014

Tritanomaly

60.0553, 0.3493, 0.3483

Monochromacy



Original Color

60.3540, 0.3814, 0.4124

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.9310, 0.3375, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3540, 0.3814, 0.4124 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(222, 204, 131)` looks like.

```
.text, #text, p{  
    color:rgb(222, 204, 131)  
}
```

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(222, 204, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 204, 131) }
```

Border

The CSS property to change the border of an element to Yxy 60.3540, 0.3814, 0.4124 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(222, 204, 131) }
```

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

```
.border{ border-color:rgb(222, 204, 131) }
```

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

Here you see how a box with a 4 pixel rgb(222, 204, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 204, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 204, 131);  
box-shadow:4px 4px 4px 4px rgb(222, 204,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3540, 0.3814, 0.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 204, 131) }
```

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

```
.background{ background-color: rgb(222,  
204, 131) }
```

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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