

Converting Colors

$Yxy(65.3136, 0.3584, 0.3883)$

Have a look what the booklet for
Yxy(65.3136, 0.3584, 0.3883)
contains.

Yxy(65.3130, 0.3584, 0.3880)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.3130, 0.3584, 0.3880)

Conversions

Conversions Part 1

Format	Color
Hex	DFD4A0
RGB	223, 212, 160
RGB Percent	87%, 83%, 63%
CMY	0.1253, 0.1687, 0.3725
CMYK	0.00, 0.05, 0.28, 0.13
HSL	49°, 50%, 75%
HSV	49°, 28%, 87%
XYZ	60.3304, 65.3130, 42.6891
YIQ	209.3610, 23.2480, -13.8400

Conversions

Conversions Part 2

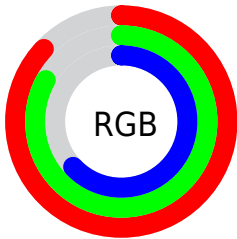
Format	Color
RYB	173, 223, 160
Decimal	14668960
CIELab	84.64, -4.11, 27.15
CIELCh	85, 27.455, 98.609
Yxy	65.3130, 0.3584, 0.3880
Android (android.graphics.Color)	4292859040 (0xFFDFD4A0)
YUV	209.3610, -24.3350, 11.9614
Hunter-Lab	80.8165, -8.1766, 25.2532

Details

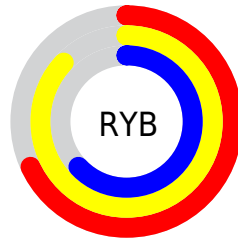
The Yxy color **65.3130, 0.3584, 0.3880** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.9542, 0.2649, 0.2621**, and the grayscale version is **64.1646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6863, 0.3364, 0.3681**, and **33.7519, 0.3688, 0.4033** is the 20% darker color. If you saturate the color by 10%, you get **62.6726, 0.3758, 0.4089**, and if you desaturate by 10%, it is **68.1467, 0.3414, 0.3667**.

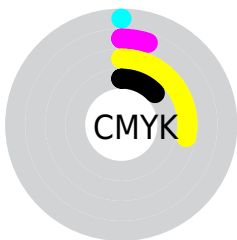
Distribution



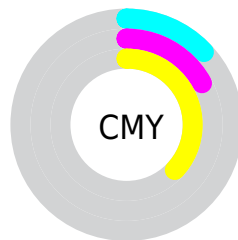
- Red (87%)
- Green (83%)
- Blue (63%)



- Red (68%)
- Yellow (87%)
- Blue (63%)



- Cyan (0%)
- Magenta (5%)
- Yellow (28%)
- Black (13%)





- Cyan (13%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3130, 0.3584, 0.3880 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 65.3130, 0.3584, 0.3880 by changing the saturation by 10% instead.


 65.3130, 0.3584,
0.3880

 65.3130, 0.3584,
0.3880


443.9159, 0.3372,
0.3601

 47.7149, 0.3632,
0.3945


 112.4997, 0.3510,
0.3782

 33.6012, 0.3691,
0.4025


 142.8572, 0.3482,
0.3745

 22.5874, 0.3765,
0.4126


178.2366, 0.3457,
0.3712

 14.2891, 0.3860,
0.4258

219.0222, 0.3435,
0.3684

 8.3220, 0.3983,
0.4436

265.5986, 0.3417,
0.3659

 4.3017, 0.4145,
0.4683

318.3501, 0.3400,

 1.8437, 0.4637,

0.3638

377.6610, 0.3385,
0.3618

0.5363

0.5142, 0.4303,
0.5697

0.0000, 0.0000,
0.0000

65.3130, 0.3584,
0.3880

65.3130, 0.3584,
0.3880

62.6726, 0.3758,
0.4089

68.1467, 0.3414,
0.3667

60.2088, 0.3930,
0.4287

71.1722, 0.3253,
0.3457

57.9160, 0.4094,
0.4462

74.3990, 0.3102,
0.3256

55.7849, 0.4242,
0.4604

77.8338, 0.2962,
0.3065

■ 53.8048, 0.4367,
0.4706

■ 80.3714, 0.2929,
0.3048

■ 51.9631, 0.4465,
0.4761

■ 82.5917, 0.2930,
0.3089

■ 50.2418, 0.4535,
0.4773

■ 84.8614, 0.2931,
0.3130

■ 49.9500, 0.4546,
0.4773

■ 87.1806, 0.2932,
0.3170

■ 89.5497, 0.2933,
0.3210

Harmonies

Analogous

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



65.3130, 0.3780, 0.3714



65.3130, 0.3584, 0.3880



65.3130, 0.3271, 0.3883

Triad

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



65.3130, 0.3584, 0.3880



65.3130, 0.2504, 0.3067



65.3130, 0.3303, 0.2927

Complementary

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



65.3130, 0.3584, 0.3880



41.9542, 0.2649, 0.2621

Split Complementary

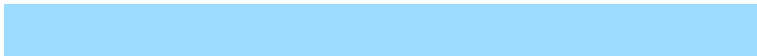
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.3130, 0.2955, 0.2768



65.3130, 0.3584, 0.3880



65.3130, 0.2510, 0.2832

Square

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



65.3130, 0.3584, 0.3880



65.3130, 0.2653, 0.3389



65.3130, 0.2670, 0.2731



65.3130, 0.3616, 0.3171

Rectangle

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



65.3130, 0.3584, 0.3880



65.3130, 0.3041, 0.3780



65.3130, 0.2670, 0.2731



65.3130, 0.3186, 0.2862

Sweetspot

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



65.3160, 0.3584, 0.3880



96.4943, 0.3250, 0.3453



43.8023, 0.3632, 0.3155



20.5169, 0.3274, 0.3485



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.



65.3160, 0.3584, 0.3880



86.3006, 0.3688, 0.4007



68.0445, 0.3400, 0.4031



15.5993, 0.3271, 0.3482



29.5063, 0.4539, 0.4778



2.1540, 0.4477, 0.4827

Inverse Universe

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



41.9542, 0.2649, 0.2621



49.6516, 0.2534, 0.2453



40.1755, 0.2792, 0.2509



13.6298, 0.2981, 0.3091



4.1047, 0.1545, 0.0763



0.4015, 0.1618, 0.1023

Previews

White Background



This preview shows how the Yxy color 65.3130, 0.3584, 0.3880 looks on a white background.

Color Contrast Check

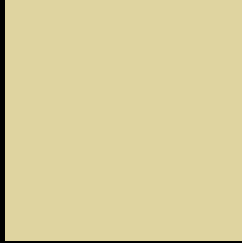
Large Text (above 18pt) WCAG AA × Fail

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 65.3130, 0.3584, 0.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

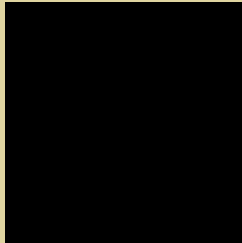
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

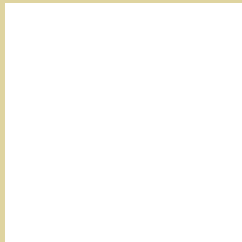
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3130, 0.3584, 0.3880

Background



This preview shows how black text looks on a background with the Yxy color 65.3130, 0.3584, 0.3880.



This preview shows how white text looks on a background with the Yxy color 65.3130, 0.3584, 0.3880.

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

65.3130, 0.3584, 0.3880

Protanopia

65.2953, 0.3611, 0.3865

Deuteranopia

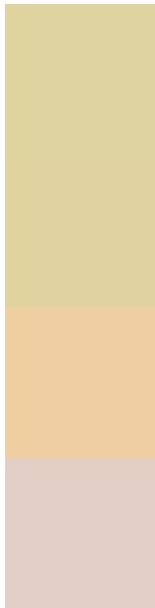
65.2770, 0.3802, 0.3727



Tritanopia

65.1760, 0.3212, 0.3117

Trichromacy



Original Color

65.3130, 0.3584, 0.3880

Protanomaly

65.1341, 0.3603, 0.3867

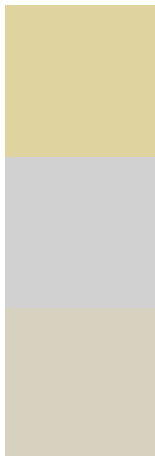
Deuteranomaly

65.0665, 0.3725, 0.3781

Tritanomaly

65.0338, 0.3346, 0.3390

Monochromacy



Original Color

65.3130, 0.3584, 0.3880

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.1509, 0.3292, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3130, 0.3584, 0.3880 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, 212, 160)` looks like.

```
.text, #text, p{  
    color:rgb(223, 212, 160)  
}
```

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, 212, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 212, 160) }
```

Border

The CSS property to change the border of an element to Yxy 65.3130, 0.3584, 0.3880 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, 212, 160) }
```

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

```
.border{ border-color:rgb(223, 212, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 212, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 212, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 212, 160); box-shadow:4px 4px 4px 4px rgb(223, 212, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3130, 0.3584, 0.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 212, 160) }
```

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

```
.background{ background-color: rgb(223,  
212, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor