

Converting Colors

$Yxy(65.0091, 0.3532, 0.3893)$

Have a look what the booklet for
Yxy(65.0091, 0.3532, 0.3893)
contains.

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Color

Yxy(65.0671, 0.3534, 0.3888)

Conversions

Conversions Part 1

Format	Color
Hex	DAD5A1
RGB	218, 213, 161
RGB Percent	85%, 84%, 63%
CMY	0.1450, 0.1647, 0.3688
CMYK	0.00, 0.02, 0.26, 0.15
HSL	55°, 44%, 74%
HSV	55°, 26%, 85%
XYZ	59.1428, 65.0671, 43.1438
YIQ	208.5670, 19.6720, -15.1120

Conversions

Conversions Part 2

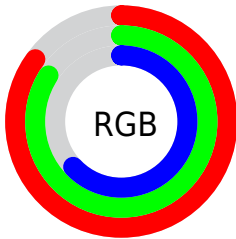
Format	Color
R _{YB}	166, 218, 161
Decimal	14341537
CIE _{Lab}	84.52, -6.40, 26.41
CIE _{LCh}	85, 27.174, 103.628
Yxy	65.0671, 0.3534, 0.3888
Android (android.graphics.Color)	4292531617 (0xFFDAD5A1)
YUV	208.5670, -23.4505, 8.2727
Hunter-Lab	80.6642, -10.2866, 24.7533

Details

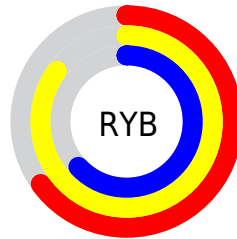
The Yxy color **65.0671, 0.3534, 0.3888** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9039, 0.2683, 0.2612**, and the grayscale version is **63.6113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **33.2392, 0.3626, 0.4032** is the 20% darker color. If you saturate the color by 10%, you get **63.4076, 0.3694, 0.4116**, and if you desaturate by 10%, it is **66.8779, 0.3374, 0.3656**.

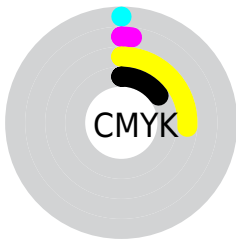
Distribution



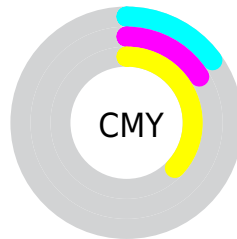
- Red (85%)
- Green (84%)
- Blue (63%)



- Red (65%)
- Yellow (85%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (26%)
- Black (15%)





- Cyan (15%)
- Magenta (16%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0671, 0.3534, 0.3888 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 65.0671, 0.3534, 0.3888 by changing the saturation by 10% instead.


 65.0671, 0.3534,
0.3888

 65.0671, 0.3534,
0.3888


443.0331, 0.3345,
0.3603

 47.5155, 0.3577,
0.3954


 112.1463, 0.3469,
0.3788

 33.4434, 0.3629,
0.4037


 142.4427, 0.3443,
0.3749

 22.4663, 0.3694,
0.4143

177.7562, 0.3421,
0.3716

 14.1999, 0.3777,
0.4281

218.4711, 0.3402,
0.3688

 8.2599, 0.3884,
0.4469

264.9718, 0.3385,
0.3663

 4.2617, 0.4024,
0.4736

317.6428, 0.3371,

 1.8210, 0.4500,

0.3641

0.5500

376.8684, 0.3357,
0.3621

0.5002, 0.3895,
0.6105

0.0000, 0.0000,
0.0000

65.0671, 0.3534,
0.3888

65.0671, 0.3534,
0.3888

63.4076, 0.3694,
0.4116

66.8779, 0.3374,
0.3656

61.8838, 0.3849,
0.4332

68.8378, 0.3219,
0.3427

60.4908, 0.3993,
0.4524

70.9558, 0.3072,
0.3207

59.2203, 0.4118,
0.4685

73.2377, 0.2934,
0.2999

■ 58.0627, 0.4221,
0.4806

■ 74.6862, 0.2894,
0.2951

■ 57.0069, 0.4296,
0.4882

■ 75.7145, 0.2895,
0.2971

■ 56.0391, 0.4344,
0.4915

■ 76.7544, 0.2896,
0.2992

■ 55.6822, 0.4358,
0.4922

■ 77.8061, 0.2896,
0.3012

■ 78.8694, 0.2897,
0.3033

Harmonies

Analogous

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



65.0671, 0.3753, 0.3746



65.0671, 0.3534, 0.3888



65.0671, 0.3213, 0.3860

Triad

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



65.0671, 0.3534, 0.3888



65.0671, 0.2499, 0.3022



65.0671, 0.3359, 0.2965

Complementary

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



65.0671, 0.3534, 0.3888



39.9039, 0.2683, 0.2612

Split Complementary

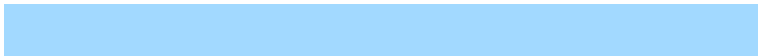
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.0671, 0.3013, 0.2791



65.0671, 0.3534, 0.3888



65.0671, 0.2532, 0.2810

Square

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



65.0671, 0.3534, 0.3888



65.0671, 0.2623, 0.3332



65.0671, 0.2714, 0.2733



65.0671, 0.3653, 0.3218

Rectangle

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



65.0671, 0.3534, 0.3888



65.0671, 0.2986, 0.3737



65.0671, 0.2714, 0.2733



65.0671, 0.3244, 0.2897

Sweetspot

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



65.0700, 0.3534, 0.3888



97.6153, 0.3248, 0.3470



43.1645, 0.3629, 0.3223



20.8012, 0.3271, 0.3505



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.



65.0700, 0.3534, 0.3888



91.5554, 0.3616, 0.4006



64.3544, 0.3344, 0.3980



15.0577, 0.3269, 0.3501



33.4332, 0.4355, 0.4924



2.2247, 0.4326, 0.4947

Inverse Universe

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



39.9039, 0.2683, 0.2612



50.2718, 0.2583, 0.2456



40.7052, 0.2862, 0.2582



12.8004, 0.2981, 0.3070



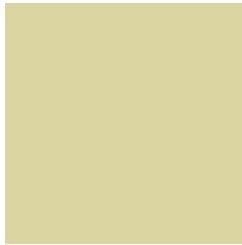
3.3815, 0.1517, 0.0661



0.2841, 0.1564, 0.0831

Previews

White Background



This preview shows how the Yxy color 65.0671, 0.3534, 0.3888 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 65.0671, 0.3534, 0.3888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

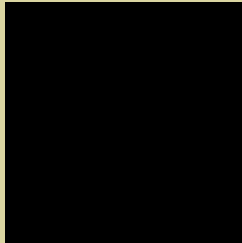
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

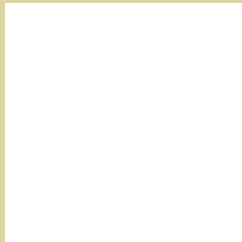
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0671, 0.3534, 0.3888

Background



This preview shows how black text looks on a background with the Yxy color 65.0671, 0.3534, 0.3888.



This preview shows how white text looks on a background with the Yxy color 65.0671, 0.3534, 0.3888.

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

65.0671, 0.3534, 0.3888

Protanopia

65.2953, 0.3611, 0.3865

Deuteranopia

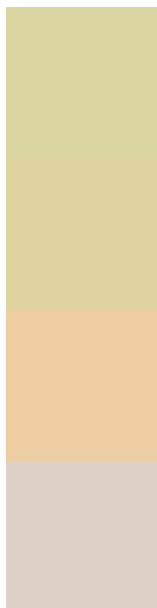
64.6596, 0.3790, 0.3708



Tritanopia

65.0519, 0.3173, 0.3116

Trichromacy



Original Color

65.0671, 0.3534, 0.3888

Protanomaly

65.3130, 0.3584, 0.3880

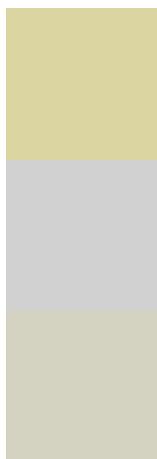
Deuteranomaly

64.5841, 0.3693, 0.3775

Tritanomaly

64.9232, 0.3306, 0.3391

Monochromacy



Original Color

65.0671, 0.3534, 0.3888

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8960, 0.3269, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0671, 0.3534, 0.3888 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(218, 213, 161)` looks like.

```
.text, #text, p{  
    color:rgb(218, 213, 161)  
}
```

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(218, 213, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 213, 161) }
```

Border

The CSS property to change the border of an element to Yxy 65.0671, 0.3534, 0.3888 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(218, 213, 161) }
```

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

```
.border{ border-color:rgb(218, 213, 161) }
```

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

Here you see how a box with a 4 pixel rgb(218, 213, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 213, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 213, 161);  
box-shadow:4px 4px 4px 4px rgb(218, 213,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0671, 0.3534, 0.3888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 213, 161) }
```

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

```
.background{ background-color: rgb(218,  
213, 161) }
```

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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