

Converting Colors

$Yxy(65.5193, 0.3367, 0.3799)$

Have a look what the booklet for
Yxy(65.5193, 0.3367, 0.3799)
contains.

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Color

Yxy(65.5388, 0.3363, 0.3793)

Conversions

Conversions Part 1

Format	Color
Hex	D0D8AD
RGB	208, 216, 173
RGB Percent	82%, 85%, 68%
CMY	0.1844, 0.1529, 0.3214
CMYK	0.04, 0.00, 0.20, 0.15
HSL	71°, 36%, 76%
HSV	71°, 20%, 85%
XYZ	58.1089, 65.5388, 49.1411
YIQ	208.7060, 9.0350, -15.0690

Conversions

Conversions Part 2

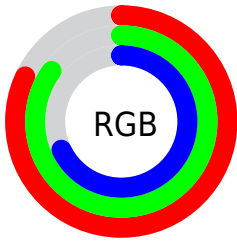
Format	Color
RYB	173, 216, 181
Decimal	13686957
CIELab	84.76, -9.95, 20.31
CIELCh	85, 22.619, 116.095
Yxy	65.5388, 0.3363, 0.3793
Android (android.graphics.Color)	4291877037 (0xFFD0D8AD)
YUV	208.7060, -17.6031, -0.6192
Hunter-Lab	80.9560, -13.5488, 20.6796

Details

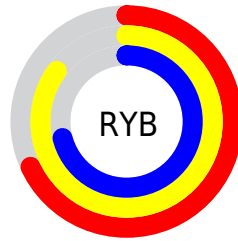
The Yxy color **65.5388, 0.3363, 0.3793** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.6925, 0.2861, 0.2754**, and the grayscale version is **63.6724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **33.6181, 0.3419, 0.3927** is the 20% darker color. If you saturate the color by 10%, you get **64.1939, 0.3480, 0.4057**, and if you desaturate by 10%, it is **67.0396, 0.3244, 0.3534**.

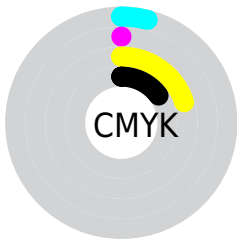
Distribution



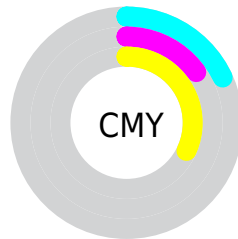
- Red (82%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)





- Cyan (18%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5388, 0.3363, 0.3793 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 65.5388, 0.3363, 0.3793 by changing the saturation by 10% instead.

 65.5388, 0.3363,
0.3793

 65.5388, 0.3363,
0.3793

444.7257, 0.3255,
0.3552

 47.8981, 0.3387,
0.3850

 112.8241, 0.3326,
0.3708

 33.7462, 0.3417,
0.3922


143.2376, 0.3311,
0.3675

 22.6987, 0.3454,
0.4015


178.6774, 0.3298,
0.3647

 14.3712, 0.3502,
0.4138

219.5279, 0.3287,
0.3623

 8.3793, 0.3564,
0.4311

266.1736, 0.3278,
0.3601

 4.3386, 0.3645,
0.4568

318.9989, 0.3269,

 1.8647, 0.3868,

0.3583

0.5142

378.3881, 0.3261,
0.3566

0.5270, 0.3287,
0.6713

0.0000, 0.0000,
0.0000

65.5388, 0.3363,
0.3793

65.5388, 0.3363,
0.3793

64.1939, 0.3480,
0.4057

67.0396, 0.3244,
0.3534

62.9895, 0.3591,
0.4320


68.6938, 0.3126,
0.3287


61.9216, 0.3691,
0.4570

70.5101, 0.3013,
0.3056

60.9823, 0.3773,
0.4797


72.2045, 0.2932,
0.2885


 60.1628, 0.3833,
0.4991


 72.8579, 0.2960,
0.2888


 59.4534, 0.3867,
0.5143


 73.5267, 0.2987,
0.2892

 58.8424, 0.3876,
0.5248

 74.2111, 0.3015,
0.2895

 58.3090, 0.3863,
0.5314

 74.9111, 0.3042,
0.2898

 58.3035, 0.3863,
0.5315

 75.6269, 0.3070,
0.2902

Harmonies

Analogous

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



65.5388, 0.3587, 0.3734



65.5388, 0.3363, 0.3793



65.5388, 0.3082, 0.3703

Triad

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



65.5388, 0.3363, 0.3793



65.5388, 0.2596, 0.2984



65.5388, 0.3431, 0.3101

Complementary

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



65.5388, 0.3363, 0.3793



44.6925, 0.2861, 0.2754

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.



65.5388, 0.3153, 0.2922



65.5388, 0.3363, 0.3793



65.5388, 0.2678, 0.2848

Square

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



65.5388, 0.3363, 0.3793



65.5388, 0.2647, 0.3215



65.5388, 0.2878, 0.2829



65.5388, 0.3631, 0.3331

Rectangle

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



65.5388, 0.3363, 0.3793



65.5388, 0.2902, 0.3567



65.5388, 0.2878, 0.2829



65.5388, 0.3343, 0.3034

Sweetspot

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



65.5417, 0.3363, 0.3793



98.5150, 0.3198, 0.3438



50.6327, 0.3502, 0.3385



21.0528, 0.3206, 0.3454



0.0000, 0.0000, 0.0000



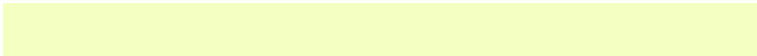
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.5417, 0.3363, 0.3793



94.5604, 0.3414, 0.3907



62.6554, 0.3201, 0.3819



14.3972, 0.3238, 0.3522



34.5505, 0.3868, 0.5311



2.1150, 0.3928, 0.5263

Inverse Universe

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



44.6925, 0.2861, 0.2754



58.7280, 0.2793, 0.2623



47.4728, 0.3035, 0.2781



12.1193, 0.3010, 0.3051



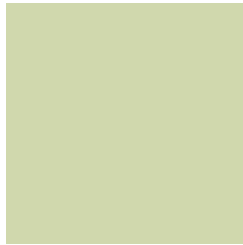
3.2407, 0.1591, 0.0650



0.2293, 0.1750, 0.0738

Previews

White Background



This preview shows how the Yxy color 65.5388, 0.3363, 0.3793 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 65.5388, 0.3363, 0.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

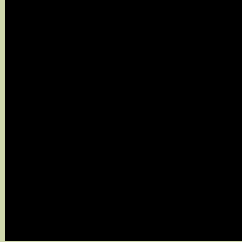
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

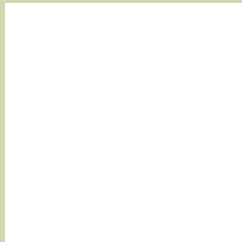
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5388, 0.3363, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 65.5388, 0.3363, 0.3793.



This preview shows how white text looks on a background with the Yxy color 65.5388, 0.3363, 0.3793.

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

65.5388, 0.3363, 0.3793

Protanopia

65.3761, 0.3514, 0.3743

Deuteranopia

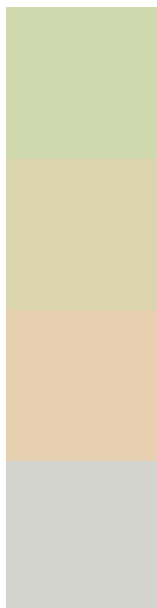
65.0796, 0.3660, 0.3581



Tritanopia

65.4842, 0.3062, 0.3113

Trichromacy



Original Color

65.5388, 0.3363, 0.3793

Protanomaly

65.4725, 0.3455, 0.3760

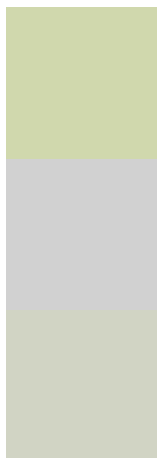
Deuteranomaly

65.1958, 0.3548, 0.3657

Tritanomaly

65.5402, 0.3168, 0.3358

Monochromacy



Original Color

65.5388, 0.3363, 0.3793

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.6278, 0.3216, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5388, 0.3363, 0.3793 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(208, 216, 173)` looks like.

```
.text, #text, p{  
    color:rgb(208, 216, 173)  
}
```

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(208, 216, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 216, 173) }
```

Border

The CSS property to change the border of an element to Yxy 65.5388, 0.3363, 0.3793 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(208, 216, 173) }
```

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

```
.border{ border-color:rgb(208, 216, 173) }
```

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

Here you see how a box with a 4 pixel rgb(208, 216, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 216, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 216, 173);  
box-shadow:4px 4px 4px 4px rgb(208, 216,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5388, 0.3363, 0.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 216, 173) }
```

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

```
.background{ background-color: rgb(208,  
216, 173) }
```

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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