

Converting Colors

$Yxy(68.7218, 0.3529, 0.3946)$

Have a look what the booklet for
Yxy(68.7218, 0.3529, 0.3946)
contains.

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Color

Yxy(68.4873, 0.3526, 0.3936)

Conversions

Conversions Part 1

Format	Color
Hex	DCDBA2
RGB	220, 219, 162
RGB Percent	86%, 86%, 64%
CMY	0.1375, 0.1411, 0.3648
CMYK	0.00, 0.00, 0.26, 0.14
HSL	59°, 45%, 75%
HSV	59°, 26%, 86%
XYZ	61.3532, 68.4873, 44.1618
YIQ	212.8010, 18.8930, -17.5150

Conversions

Conversions Part 2

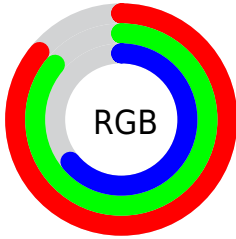
Format	Color
RYB	163, 220, 162
Decimal	14474146
CIELab	86.25, -8.61, 28.25
CIELCh	86, 29.532, 106.955
Yxy	68.4873, 0.3526, 0.3936
Android (android.graphics.Color)	4292664226 (0xFFDCDBA2)
YUV	212.8010, -25.0449, 6.3135
Hunter-Lab	82.7571, -12.4911, 26.2909

Details

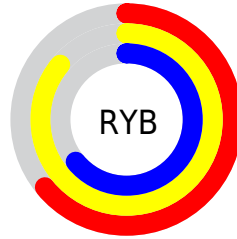
The Yxy color **68.4873, 0.3526, 0.3936** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0032, 0.2674, 0.2550**, and the grayscale version is **66.5563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **35.5692, 0.3612, 0.4092** is the 20% darker color. If you saturate the color by 10%, you get **67.5950, 0.3676, 0.4178**, and if you desaturate by 10%, it is **69.5229, 0.3373, 0.3688**.

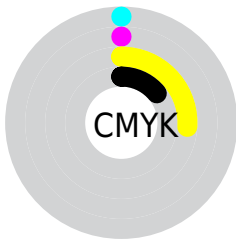
Distribution



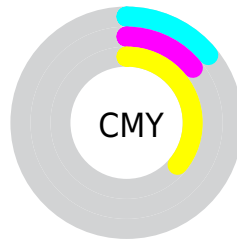
- Red (86%)
- Green (86%)
- Blue (64%)



- Red (64%)
- Yellow (86%)
- Blue (64%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (14%)





- Cyan (14%)
- Magenta (14%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4873, 0.3526, 0.3936 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 68.4873, 0.3526, 0.3936 by changing the saturation by 10% instead.

 68.4873, 0.3526,
0.3936


 68.4873, 0.3526,
0.3936


455.2206, 0.3344,
0.3630

 50.2943, 0.3566,
0.4007


 117.0490, 0.3464,
0.3829

 35.6473, 0.3615,
0.4095


 148.1864, 0.3439,
0.3788

 24.1619, 0.3676,
0.4207


184.4075, 0.3418,
0.3752

 15.4538, 0.3751,
0.4353

226.0966, 0.3399,
0.3721

 9.1385, 0.3847,
0.4550

273.6380, 0.3383,
0.3694

 4.8316, 0.3967,
0.4827

327.4162, 0.3369,

 2.1488, 0.4396,

0.3670

0.5604

387.8156, 0.3356,
0.3649

0.6919, 0.3927,
0.6073

0.0000, 0.0000,
0.0000

68.4873, 0.3526,
0.3936

68.4873, 0.3526,
0.3936

67.5950, 0.3676,
0.4178

69.5229, 0.3373,
0.3688

66.8296, 0.3817,
0.4404

70.6993, 0.3221,
0.3442

66.1865, 0.3944,
0.4605

72.0256, 0.3075,
0.3204

65.6571, 0.4049,
0.4772

73.5076, 0.2936,
0.2979

65.2316, 0.4130,
0.4898

74.0102, 0.2906,
0.2933

64.8988, 0.4185,
0.4980

74.1929, 0.2906,
0.2936

64.6443, 0.4214,
0.5021

74.3760, 0.2906,
0.2940

64.5617, 0.4221,
0.5030

74.5595, 0.2906,
0.2944

74.7434, 0.2906,
0.2947

Harmonies

Analogous

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



68.4873, 0.3777, 0.3799



68.4873, 0.3526, 0.3936



68.4873, 0.3176, 0.3885

Triad

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



68.4873, 0.3526, 0.3936



68.4873, 0.2454, 0.2971



68.4873, 0.3414, 0.2971

Complementary

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



68.4873, 0.3526, 0.3936



39.0032, 0.2674, 0.2550

Split Complementary

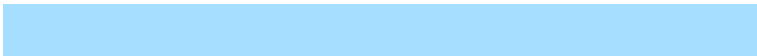
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.4873, 0.3044, 0.2775



68.4873, 0.3526, 0.3936



68.4873, 0.2507, 0.2761

Square

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



68.4873, 0.3526, 0.3936



68.4873, 0.2567, 0.3294



68.4873, 0.2717, 0.2697



68.4873, 0.3716, 0.3245

Rectangle

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



68.4873, 0.3526, 0.3936



68.4873, 0.2937, 0.3740



68.4873, 0.2717, 0.2697



68.4873, 0.3292, 0.2895

Sweetspot

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



68.4904, 0.3526, 0.3936



98.5504, 0.3247, 0.3484



43.6852, 0.3681, 0.3280



21.0387, 0.3270, 0.3521



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.



68.4904, 0.3526, 0.3936



94.9959, 0.3616, 0.4080



64.9590, 0.3309, 0.3994



15.2268, 0.3267, 0.3517



37.9315, 0.4221, 0.5031



2.4689, 0.4216, 0.5035

Inverse Universe

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



39.0032, 0.2674, 0.2550



46.6871, 0.2554, 0.2355



41.9473, 0.2900, 0.2585



12.6498, 0.2981, 0.3052



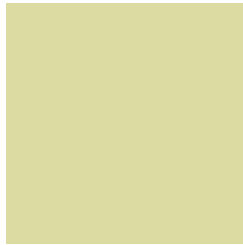
3.0919, 0.1503, 0.0611



0.2122, 0.1512, 0.0643

Previews

White Background



This preview shows how the Yxy color 68.4873, 0.3526, 0.3936 looks on a white background.

Color Contrast Check

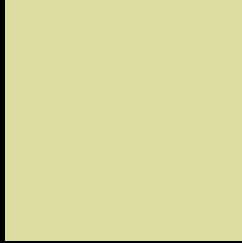
Large Text (above 18pt) WCAG AA × Fail

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 68.4873, 0.3526, 0.3936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

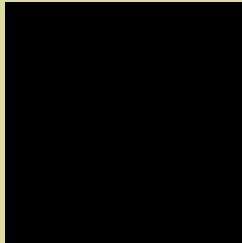
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

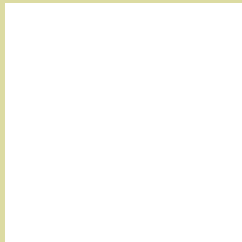
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4873, 0.3526, 0.3936

Background



This preview shows how black text looks on a background with the Yxy color 68.4873, 0.3526, 0.3936.



This preview shows how white text looks on a background with the Yxy color 68.4873, 0.3526, 0.3936.

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

68.4873, 0.3526, 0.3936

Protanopia

68.1279, 0.3639, 0.3898

Deuteranopia

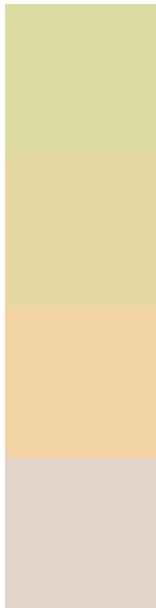
68.2249, 0.3805, 0.3729



Tritanopia

68.1332, 0.3143, 0.3108

Trichromacy



Original Color

68.4873, 0.3526, 0.3936

Protanomaly

68.0158, 0.3597, 0.3904

Deuteranomaly

67.9696, 0.3703, 0.3797

Tritanomaly

67.9078, 0.3286, 0.3401

Monochromacy



Original Color

68.4873, 0.3526, 0.3936

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.0948, 0.3279, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4873, 0.3526, 0.3936 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(220, 219, 162)` looks like.

```
.text, #text, p{  
    color:rgb(220, 219, 162)  
}
```

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(220, 219, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 219, 162) }
```

Border

The CSS property to change the border of an element to Yxy 68.4873, 0.3526, 0.3936 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(220, 219, 162) }
```

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

```
.border{ border-color:rgb(220, 219, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 219, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 219, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 219, 162);  
box-shadow:4px 4px 4px 4px rgb(220, 219,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4873, 0.3526, 0.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 219, 162) }
```

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

```
.background{ background-color: rgb(220,  
219, 162) }
```

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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