

Converting Colors

Yxy(68.2679, 0.3285, 0.3626)

Have a look what the booklet for
Yxy(68.2679, 0.3285, 0.3626)
contains.

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Color

Yxy(68.4833, 0.3286, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	D5DBBD
RGB	213, 219, 189
RGB Percent	84%, 86%, 74%
CMY	0.1647, 0.1412, 0.2587
CMYK	0.03, 0.00, 0.14, 0.14
HSL	72°, 29%, 80%
HSV	72°, 14%, 86%
XYZ	61.9593, 68.4833, 58.1128
YIQ	213.7860, 6.0540, -10.6020

Conversions

Conversions Part 2

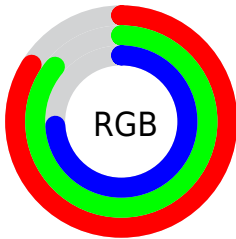
Format	Color
RYB	189, 219, 195
Decimal	14015421
CIELab	86.25, -7.19, 14.06
CIELCh	86, 15.788, 117.073
Yxy	68.4833, 0.3286, 0.3632
Android (android.graphics.Color)	4292205501 (0xFFD5DBBD)
YUV	213.7860, -12.2195, -0.6893
Hunter-Lab	82.7546, -11.1757, 16.2931

Details

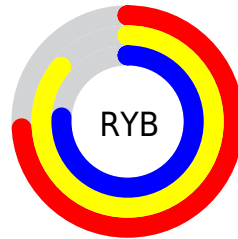
The Yxy color **68.4833, 0.3286, 0.3632** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.1291, 0.2955, 0.2934**, and the grayscale version is **67.1771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **35.5976, 0.3318, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **66.9584, 0.3403, 0.3895**, and if you desaturate by 10%, it is **70.1756, 0.3169, 0.3380**.

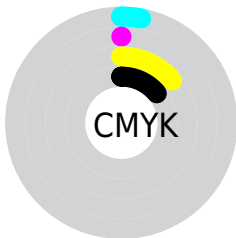
Distribution



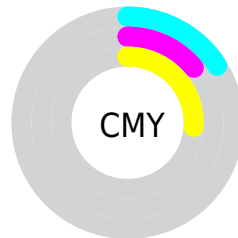
- Red (84%)
- Green (86%)
- Blue (74%)



- Red (74%)
- Yellow (86%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (14%)
- Black (14%)





- Cyan (16%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.4833, 0.3286, 0.3632 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 68.4833, 0.3286, 0.3632 by changing the saturation by 10% instead.

 68.4833, 0.3286,
0.3632

 68.4833, 0.3286,
0.3632


455.2065, 0.3213,
0.3470

 50.2910, 0.3303,
0.3670


 117.0433, 0.3261,
0.3575

 35.6447, 0.3323,
0.3718


148.1798, 0.3251,
0.3553

 24.1599, 0.3349,
0.3779


184.3998, 0.3242,
0.3534

 15.4523, 0.3382,
0.3860

226.0877, 0.3235,
0.3518

 9.1374, 0.3426,
0.3973

273.6279, 0.3228,
0.3504

 4.8309, 0.3489,
0.4141

327.4049, 0.3223,

 2.1484, 0.3579,

0.3491

0.4416

387.8029, 0.3217,
0.3480

0.6916, 0.4107,
0.5893

0.0000, 0.0000,
0.0000

68.4833, 0.3286,
0.3632

68.4833, 0.3286,
0.3632

66.9584, 0.3403,
0.3895

70.1756, 0.3169,
0.3380

65.5853, 0.3516,
0.4161


72.0324, 0.3056,
0.3142

64.3600, 0.3621,
0.4422

74.0625, 0.2948,
0.2921

63.2749, 0.3712,
0.4667

74.7989, 0.2976,
0.2922

 62.3214, 0.3783,
0.4885

 75.5363, 0.3006,
0.2925


 61.4903, 0.3832,
0.5067


 76.2922, 0.3035,
0.2928

 60.7706, 0.3854,
0.5204

 77.0665, 0.3066,
0.2931

 60.1491, 0.3851,
0.5294

 77.8596, 0.3096,
0.2935

 59.7937, 0.3839,
0.5334

 78.6714, 0.3126,
0.2938

Harmonies

Analogous

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



68.4833, 0.3441, 0.3600



68.4833, 0.3286, 0.3632



68.4833, 0.3092, 0.3565

Triad

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



68.4833, 0.3286, 0.3632



68.4833, 0.2758, 0.3078



68.4833, 0.3342, 0.3165

Complementary

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



68.4833, 0.3286, 0.3632



53.1291, 0.2955, 0.2934

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.



68.4833, 0.3153, 0.3035



68.4833, 0.3286, 0.3632



68.4833, 0.2819, 0.2982

Square

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



68.4833, 0.3286, 0.3632



68.4833, 0.2791, 0.3236



68.4833, 0.2962, 0.2969



68.4833, 0.3475, 0.3327

Rectangle

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



68.4833, 0.3286, 0.3632



68.4833, 0.2967, 0.3473



68.4833, 0.2962, 0.2969



68.4833, 0.3283, 0.3116

Sweetspot

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



68.4863, 0.3286, 0.3632



98.9748, 0.3173, 0.3388



57.7771, 0.3368, 0.3360



21.1443, 0.3182, 0.3407



0.0000, 0.0000, 0.0000



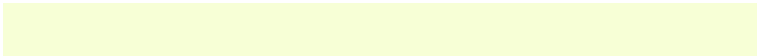
21.4041, 0.3127, 0.3290

Same Dimension

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



68.4863, 0.3286, 0.3632



96.1278, 0.3315, 0.3696



66.3491, 0.3175, 0.3644



15.1253, 0.3236, 0.3523



35.5006, 0.3845, 0.5329



2.3341, 0.3905, 0.5282

Inverse Universe

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



53.1291, 0.2955, 0.2934



71.0032, 0.2920, 0.2864



55.2258, 0.3071, 0.2946



12.7422, 0.3012, 0.3050



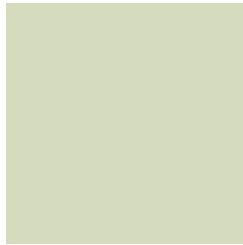
3.3854, 0.1602, 0.0656



0.2558, 0.1755, 0.0741

Previews

White Background



This preview shows how the Yxy color 68.4833, 0.3286, 0.3632 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 68.4833, 0.3286, 0.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

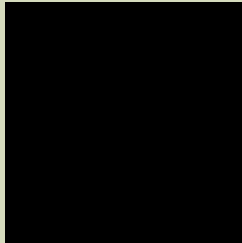
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

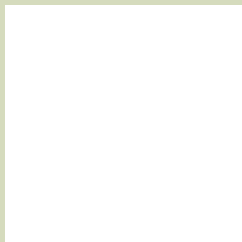
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4833, 0.3286, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 68.4833, 0.3286, 0.3632.



This preview shows how white text looks on a background with the Yxy color 68.4833, 0.3286, 0.3632.

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

68.4833, 0.3286, 0.3632

Protanopia

68.3575, 0.3406, 0.3602

Deuteranopia

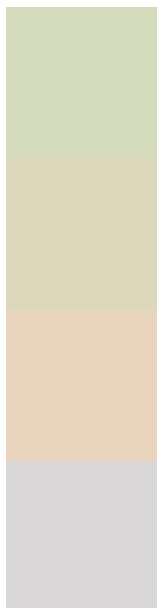
68.2858, 0.3539, 0.3472



Tritanopia

68.3617, 0.3056, 0.3105

Trichromacy



Original Color

68.4833, 0.3286, 0.3632

Protanomaly

68.1147, 0.3358, 0.3605

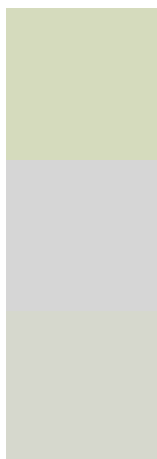
Deuteranomaly

68.1283, 0.3444, 0.3531

Tritanomaly

68.2589, 0.3142, 0.3290

Monochromacy



Original Color

68.4833, 0.3286, 0.3632

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.8157, 0.3187, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4833, 0.3286, 0.3632 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(213, 219, 189)` looks like.

```
.text, #text, p{  
    color:rgb(213, 219, 189)  
}
```

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(213, 219, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 219, 189) }
```

Border

The CSS property to change the border of an element to Yxy 68.4833, 0.3286, 0.3632 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(213, 219, 189) }
```

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

```
.border{ border-color:rgb(213, 219, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 219, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 219, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 219, 189); box-shadow:4px 4px 4px 4px rgb(213, 219, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4833, 0.3286, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 219, 189) }
```

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

```
.background{ background-color: rgb(213,  
219, 189) }
```

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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