

Converting Colors

Yxy(68.2153, 0.3297, 0.3600)

Have a look what the booklet for
Yxy(68.2153, 0.3297, 0.3600)
contains.

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Color

Yxy(68.3076, 0.3296, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	D7DABE
RGB	215, 218, 190
RGB Percent	84%, 85%, 75%
CMY	0.1567, 0.1451, 0.2549
CMYK	0.01, 0.00, 0.13, 0.15
HSL	66°, 27%, 80%
HSV	66°, 13%, 85%
XYZ	62.4007, 68.3076, 58.6143
YIQ	213.9110, 7.2000, -9.3440

Conversions

Conversions Part 2

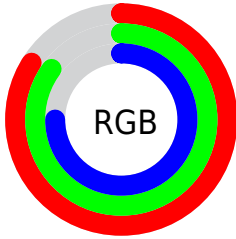
Format	Color
RYB	190, 218, 193
Decimal	14146238
CIELab	86.16, -5.78, 13.44
CIELCh	86, 14.632, 113.271
Yxy	68.3076, 0.3296, 0.3608
Android (android.graphics.Color)	4292336318 (0xFFD7DABE)
YUV	213.9110, -11.7881, 0.9551
Hunter-Lab	82.6484, -9.8647, 15.8054

Details

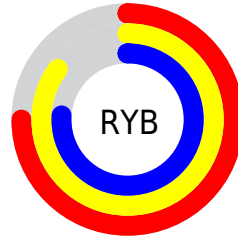
The Yxy color **68.3076, 0.3296, 0.3608** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.2226, 0.2946, 0.2956**, and the grayscale version is **67.2655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **35.4741, 0.3331, 0.3680** is the 20% darker color. If you saturate the color by 10%, you get **67.0827, 0.3430, 0.3865**, and if you desaturate by 10%, it is **69.6859, 0.3164, 0.3359**.

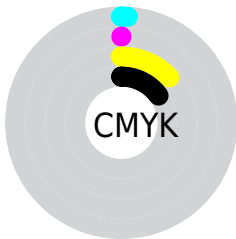
Distribution



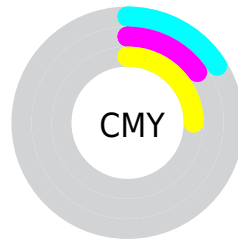
- Red (84%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)





- Cyan (16%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.3076, 0.3296, 0.3608 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 68.3076, 0.3296, 0.3608 by changing the saturation by 10% instead.


 68.3076, 0.3296,
0.3608

 68.3076, 0.3296,
0.3608

454.5851, 0.3218,
0.3457

 50.1480, 0.3314,
0.3643

 116.7921, 0.3269,
0.3555

 35.5310, 0.3336,
0.3687


147.8858, 0.3258,
0.3535

 24.0722, 0.3364,
0.3744


184.0596, 0.3249,
0.3517

 15.3872, 0.3400,
0.3819

225.6980, 0.3241,
0.3502

 9.0916, 0.3449,
0.3923

273.1854, 0.3234,
0.3489

 4.8010, 0.3518,
0.4078

326.9061, 0.3228,

 2.1310, 0.3621,

0.3477

0.4329

387.2445, 0.3223,
0.3467

0.6820, 0.4265,
0.5735

0.0000, 0.0000,
0.0000

68.3076, 0.3296,
0.3608

68.3076, 0.3296,
0.3608

67.0827, 0.3430,
0.3865

69.6859, 0.3164,
0.3359

65.9959, 0.3560,
0.4122

71.2147, 0.3036,
0.3122

65.0434, 0.3684,
0.4372

72.8762, 0.2918,
0.2904

64.2178, 0.3793,
0.4602

73.2406, 0.2933,
0.2906

63.5111, 0.3884,
0.4804

73.6099, 0.2949,
0.2908

62.9140, 0.3951,
0.4969

73.9842, 0.2964,
0.2910

62.4162, 0.3993,
0.5090

74.3635, 0.2980,
0.2911

62.0050, 0.4008,
0.5166

74.7478, 0.2995,
0.2913

61.7487, 0.4008,
0.5200

75.1370, 0.3011,
0.2915

Harmonies

Analogous

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



68.3076, 0.3431, 0.3568



68.3076, 0.3296, 0.3608



68.3076, 0.3118, 0.3557

Triad

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



68.3076, 0.3296, 0.3608



68.3076, 0.2783, 0.3109



68.3076, 0.3306, 0.3156

Complementary

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



68.3076, 0.3296, 0.3608



53.2226, 0.2946, 0.2956

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.



68.3076, 0.3128, 0.3042



68.3076, 0.3296, 0.3608



68.3076, 0.2829, 0.3012

Square

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



68.3076, 0.3296, 0.3608



68.3076, 0.2825, 0.3262



68.3076, 0.2954, 0.2989



68.3076, 0.3438, 0.3305

Rectangle

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



68.3076, 0.3296, 0.3608



68.3076, 0.3000, 0.3478



68.3076, 0.2954, 0.2989



68.3076, 0.3250, 0.3112

Sweetspot

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



68.3106, 0.3296, 0.3608



99.1574, 0.3180, 0.3388



56.6762, 0.3356, 0.3323



21.1907, 0.3189, 0.3407



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

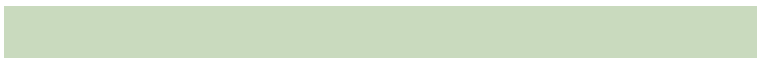
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.3106, 0.3296, 0.3608



97.0217, 0.3327, 0.3667



66.3017, 0.3193, 0.3618



15.1907, 0.3251, 0.3522



37.0253, 0.4011, 0.5198



2.4191, 0.4042, 0.5173

Inverse Universe

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



53.2226, 0.2946, 0.2956



72.0535, 0.2910, 0.2890



55.1279, 0.3053, 0.2966



12.6824, 0.2997, 0.3049



3.1636, 0.1538, 0.0621



0.2276, 0.1638, 0.0676

Previews

White Background



This preview shows how the Yxy color 68.3076, 0.3296, 0.3608 looks on a white background.

Color Contrast Check

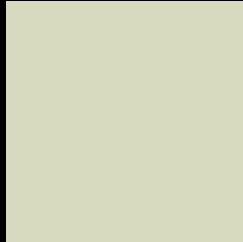
Large Text (above 18pt) WCAG AA × Fail

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 68.3076, 0.3296, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

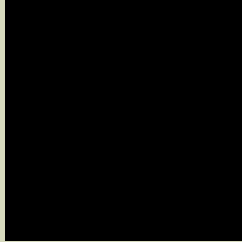
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

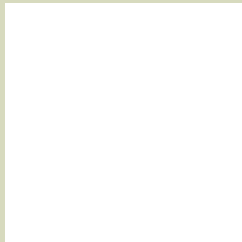
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.3076, 0.3296, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 68.3076, 0.3296, 0.3608.



This preview shows how white text looks on a background with the Yxy color 68.3076, 0.3296, 0.3608.

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

68.3076, 0.3296, 0.3608

Protanopia

68.2393, 0.3391, 0.3591

Deuteranopia

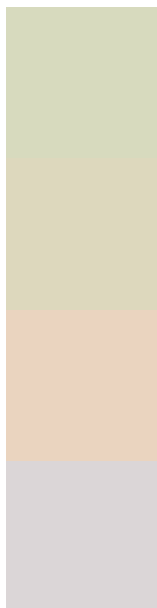
68.3300, 0.3532, 0.3461



Tritanopia

68.1163, 0.3078, 0.3106

Trichromacy



Original Color

68.3076, 0.3296, 0.3608

Protanomaly

68.1580, 0.3351, 0.3594

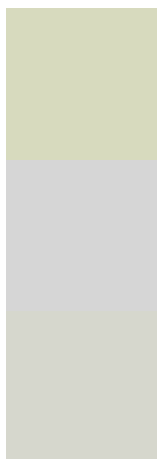
Deuteranomaly

68.3410, 0.3444, 0.3520

Tritanomaly

68.0595, 0.3157, 0.3279

Monochromacy



Original Color

68.3076, 0.3296, 0.3608

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.3048, 0.3188, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3076, 0.3296, 0.3608 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(215, 218, 190)` looks like.

```
.text, #text, p{  
    color:rgb(215, 218, 190)  
}
```

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(215, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 218, 190) }
```

Border

The CSS property to change the border of an element to Yxy 68.3076, 0.3296, 0.3608 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(215, 218, 190) }
```

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

```
.border{ border-color:rgb(215, 218, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 218, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 218, 190);  
box-shadow:4px 4px 4px 4px rgb(215, 218,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3076, 0.3296, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 218, 190) }
```

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

```
.background{ background-color: rgb(215,  
218, 190) }
```

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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