

Converting Colors

$Yxy(66.3861, 0.3280, 0.3606)$

Have a look what the booklet for
Yxy(66.3861, 0.3280, 0.3606)
contains.

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Color

Yxy(66.5915, 0.3282, 0.3613)

Conversions

Conversions Part 1

Format	Color
Hex	D3D8BC
RGB	211, 216, 188
RGB Percent	83%, 85%, 74%
CMY	0.1726, 0.1529, 0.2628
CMYK	0.02, 0.00, 0.13, 0.15
HSL	71°, 26%, 79%
HSV	71°, 13%, 85%
XYZ	60.4908, 66.5915, 57.2285
YIQ	211.3130, 6.0080, -9.7680

Conversions

Conversions Part 2

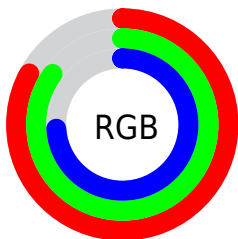
Format	Color
RYB	188, 216, 193
Decimal	13883580
CIELab	85.30, -6.54, 13.25
CIElCh	85, 14.774, 116.282
Yxy	66.5915, 0.3282, 0.3613
Android (android.graphics.Color)	4292073660 (0xFFD3D8BC)
YUV	211.3130, -11.4933, -0.2745
Hunter-Lab	81.6036, -10.4885, 15.5425

Details

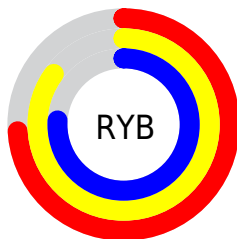
The Yxy color **66.5915, 0.3282, 0.3613** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.2539, 0.2960, 0.2953**, and the grayscale version is **65.4325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **34.3069, 0.3313, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **65.1659, 0.3403, 0.3874**, and if you desaturate by 10%, it is **68.1761, 0.3162, 0.3362**.

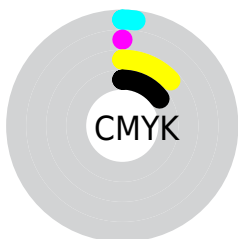
Distribution



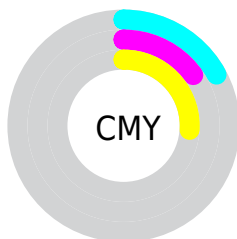
- Red (83%)
- Green (85%)
- Blue (74%)



- Red (74%)
- Yellow (85%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)





- Cyan (17%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5915, 0.3282, 0.3613 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 66.5915, 0.3282, 0.3613 by changing the saturation by 10% instead.

 66.5915, 0.3282,
0.3613

 66.5915, 0.3282,
0.3613


448.4893, 0.3210,
0.3459

 48.7527, 0.3298,
0.3649


 114.3349, 0.3257,
0.3559

 34.4234, 0.3319,
0.3695


145.0083, 0.3247,
0.3538

 23.2190, 0.3344,
0.3753


180.7287, 0.3239,
0.3520

 14.7553, 0.3378,
0.3831

221.8804, 0.3232,
0.3505

 8.6478, 0.3423,
0.3940

268.8480, 0.3225,
0.3491

 4.5122, 0.3486,
0.4104

322.0157, 0.3220,

 1.9640, 0.3582,

0.3479

0.4374

381.7680, 0.3215,
0.3469

0.5864, 0.4041,
0.5959

0.0000, 0.0000,
0.0000

66.5915, 0.3282,
0.3613

66.5915, 0.3282,
0.3613

65.1659, 0.3403,
0.3874

68.1761, 0.3162,
0.3362

63.8844, 0.3520,
0.4138

69.9170, 0.3046,
0.3126


62.7431, 0.3629,
0.4396


71.8225, 0.2936,
0.2906


61.7348, 0.3725,
0.4640


72.5860, 0.2948,
0.2887


 60.8514, 0.3802,
0.4856


 73.2216, 0.2975,
0.2890


 60.0838, 0.3856,
0.5036

 73.8715, 0.3001,
0.2893

 59.4219, 0.3884,
0.5172

 74.5357, 0.3028,
0.2896

 58.8530, 0.3886,
0.5262

 75.2144, 0.3054,
0.2900

 58.4947, 0.3876,
0.5304

 75.9076, 0.3081,
0.2903

Harmonies

Analogous

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



66.5915, 0.3426, 0.3581



66.5915, 0.3282, 0.3613



66.5915, 0.3099, 0.3552

Triad

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



66.5915, 0.3282, 0.3613



66.5915, 0.2777, 0.3093



66.5915, 0.3326, 0.3168

Complementary

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



66.5915, 0.3282, 0.3613



52.2539, 0.2960, 0.2953

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.



66.5915, 0.3147, 0.3046



66.5915, 0.3282, 0.3613



66.5915, 0.2833, 0.3001

Square

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



66.5915, 0.3282, 0.3613



66.5915, 0.2811, 0.3244



66.5915, 0.2967, 0.2985



66.5915, 0.3453, 0.3322

Rectangle

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



66.5915, 0.3282, 0.3613



66.5915, 0.2981, 0.3467



66.5915, 0.2967, 0.2985



66.5915, 0.3270, 0.3122

Sweetspot

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



66.5944, 0.3282, 0.3613



99.0148, 0.3175, 0.3388



56.2162, 0.3356, 0.3345



21.1545, 0.3184, 0.3407



0.0000, 0.0000, 0.0000



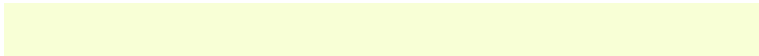
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5944, 0.3282, 0.3613



96.2830, 0.3320, 0.3695



64.6621, 0.3180, 0.3623



14.4020, 0.3239, 0.3522



34.6612, 0.3881, 0.5300



2.1207, 0.3938, 0.5255

Inverse Universe

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



52.2539, 0.2960, 0.2953



70.8686, 0.2914, 0.2864



54.1330, 0.3067, 0.2964



12.1148, 0.3009, 0.3051



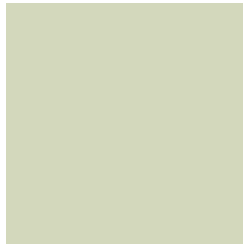
3.2206, 0.1586, 0.0647



0.2272, 0.1741, 0.0732

Previews

White Background



This preview shows how the Yxy color 66.5915, 0.3282, 0.3613 looks on a white background.

Color Contrast Check

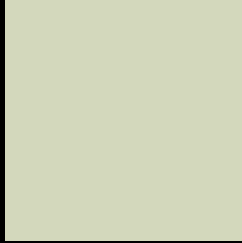
Large Text (above 18pt) WCAG AA × Fail

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 66.5915, 0.3282, 0.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

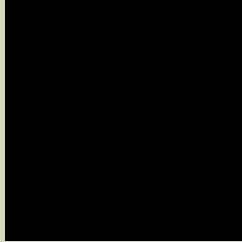
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

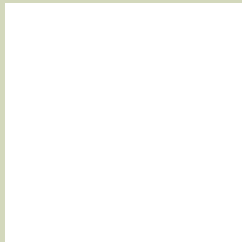
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5915, 0.3282, 0.3613

Background



This preview shows how black text looks on a background with the Yxy color 66.5915, 0.3282, 0.3613.



This preview shows how white text looks on a background with the Yxy color 66.5915, 0.3282, 0.3613.

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

66.5915, 0.3282, 0.3613

Protanopia

66.3201, 0.3395, 0.3583

Deuteranopia

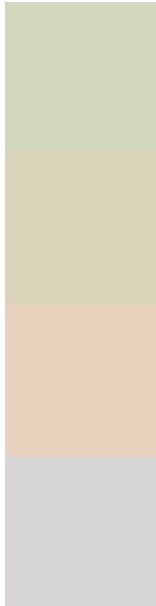
66.2576, 0.3530, 0.3452



Tritanopia

66.3910, 0.3063, 0.3103

Trichromacy



Original Color

66.5915, 0.3282, 0.3613

Protanomaly

66.2364, 0.3355, 0.3585

Deuteranomaly

66.2640, 0.3441, 0.3511

Tritanomaly

66.3381, 0.3142, 0.3279

Monochromacy



Original Color

66.5915, 0.3282, 0.3613

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.7492, 0.3181, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5915, 0.3282, 0.3613 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(211, 216, 188)` looks like.

```
.text, #text, p{  
    color:rgb(211, 216, 188)  
}
```

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(211, 216, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 216, 188) }
```

Border

The CSS property to change the border of an element to Yxy 66.5915, 0.3282, 0.3613 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(211, 216, 188) }
```

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

```
.border{ border-color:rgb(211, 216, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 216, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 216, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 216, 188);  
box-shadow:4px 4px 4px 4px rgb(211, 216,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5915, 0.3282, 0.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 216, 188) }
```

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

```
.background{ background-color: rgb(211,  
216, 188) }
```

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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