

Converting Colors

$Yxy(66.6378, 0.3216, 0.3609)$

Have a look what the booklet for
Yxy(66.6378, 0.3216, 0.3609)
contains.

| | |
|--|----|
| Yxy(66.8396, 0.3221, 0.3616) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(66.8396, 0.3221, 0.3616)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CDDABE |
| RGB | 205, 218, 190 |
| RGB Percent | 80%, 85%, 75% |
| CMY | 0.1961, 0.1451, 0.2550 |
| CMYK | 0.06, 0.00, 0.13, 0.15 |
| HSL | 88°, 27%, 80% |
| HSV | 88°, 13%, 85% |
| XYZ | 59.5383, 66.8396, 58.4662 |
| YIQ | 210.9210, 1.2400, -11.4640 |

Conversions

Conversions Part 2

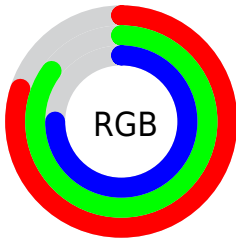
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 190, 218, 203 |
| Decimal | 13490878 |
| CIELab | 85.42, -9.35, 12.31 |
| CIELCh | 85, 15.458, 127.231 |
| Yxy | 66.8396, 0.3221, 0.3616 |
| Android (android.graphics.Color) | 4291680958 (0xFFCDDABE) |
| YUV | 210.9210, -10.3141, -5.1927 |
| Hunter-Lab | 81.7555, -13.0799, 14.8285 |

Details

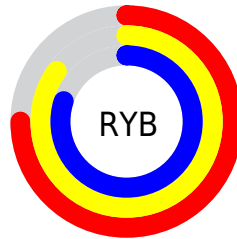
The Yxy color **66.8396, 0.3221, 0.3616** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.5774, 0.3023, 0.2963**, and the grayscale version is **65.1549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **34.5798, 0.3242, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **64.5657, 0.3293, 0.3892**, and if you desaturate by 10%, it is **69.3552, 0.3148, 0.3359**.

Distribution



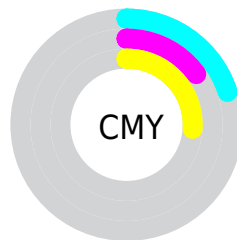
- Red (80%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8396, 0.3221, 0.3616 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 66.8396, 0.3221, 0.3616 by changing the saturation by 10% instead.

66.8396, 0.3221,
0.3616

66.8396, 0.3221,
0.3616

449.3736, 0.3178,
0.3460

48.9543, 0.3231,
0.3653

114.6905, 0.3206,
0.3561

34.5832, 0.3242,
0.3699

145.4250, 0.3201,
0.3540

23.3420, 0.3257,
0.3759

181.2112, 0.3196,
0.3522

14.8462, 0.3276,
0.3839

222.4337, 0.3191,
0.3506

8.7115, 0.3300,
0.3952

269.4768, 0.3187,
0.3492

4.5535, 0.3334,
0.4122

322.7248, 0.3184,

1.9878, 0.3379,

0.3480

0.4406

382.5623, 0.3181,
0.3470

0.6003, 0.3631,
0.6369

0.0000, 0.0000,
0.0000

66.8396, 0.3221,
0.3616

66.8396, 0.3221,
0.3616

64.5657, 0.3293,
0.3892

69.3552, 0.3148,
0.3359

62.5166, 0.3360,
0.4181

72.1112, 0.3076,
0.3124

60.6866, 0.3418,
0.4477

75.0933, 0.3009,
0.2915

59.0667, 0.3464,
0.4767

76.8701, 0.3078,
0.2923

■ 57.6466, 0.3492,
0.5039

■ 78.6280, 0.3144,
0.2930

■ 56.4154, 0.3499,
0.5277

■ 55.3606, 0.3483,
0.5469

■ 54.4673, 0.3445,
0.5606

■ 53.9120, 0.3408,
0.5676

Harmonies

Analogous

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



66.8396, 0.3392, 0.3617



66.8396, 0.3221, 0.3616



66.8396, 0.3028, 0.3519

Triad

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



66.8396, 0.3221, 0.3616



66.8396, 0.2773, 0.3040



66.8396, 0.3393, 0.3219

Complementary

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



66.8396, 0.3221, 0.3616



54.5774, 0.3023, 0.2963

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.



66.8396, 0.3219, 0.3076



66.8396, 0.3221, 0.3616



66.8396, 0.2863, 0.2972

Square

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



66.8396, 0.3221, 0.3616



66.8396, 0.2774, 0.3179



66.8396, 0.3025, 0.2987



66.8396, 0.3494, 0.3383

Rectangle

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



66.8396, 0.3221, 0.3616



66.8396, 0.2914, 0.3415



66.8396, 0.3025, 0.2987



66.8396, 0.3340, 0.3167

Sweetspot

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



66.8425, 0.3221, 0.3616



98.4728, 0.3157, 0.3389



61.1440, 0.3341, 0.3435



21.0171, 0.3162, 0.3408



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.



66.8425, 0.3221, 0.3616



94.5613, 0.3238, 0.3677



64.9907, 0.3121, 0.3626



14.9478, 0.3196, 0.3526



32.3603, 0.3419, 0.5668



2.1475, 0.3538, 0.5572

Inverse Universe

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



54.5774, 0.3023, 0.2963



74.2971, 0.3003, 0.2901



56.5726, 0.3131, 0.2974



12.9121, 0.3053, 0.3053



4.7620, 0.1961, 0.0854



0.3594, 0.2142, 0.0954

Previews

White Background



This preview shows how the Yxy color 66.8396, 0.3221, 0.3616 looks on a white background.

Color Contrast Check

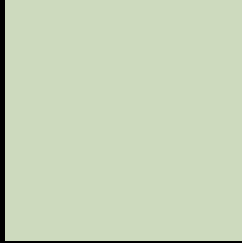
Large Text (above 18pt) WCAG AA × Fail

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 66.8396, 0.3221, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

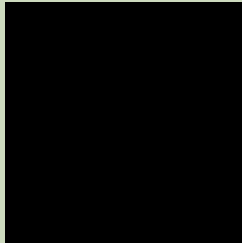
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

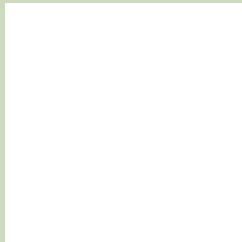
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8396, 0.3221, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 66.8396, 0.3221, 0.3616.



This preview shows how white text looks on a background with the Yxy color 66.8396, 0.3221, 0.3616.

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

66.8396, 0.3221, 0.3616

Protanopia

66.8643, 0.3386, 0.3582

Deuteranopia

66.6492, 0.3504, 0.3441



Tritanopia

66.5930, 0.3006, 0.3101

Trichromacy



Original Color

66.8396, 0.3221, 0.3616

Protanomaly

66.8306, 0.3321, 0.3598

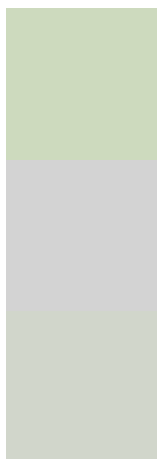
Deuteranomaly

66.3488, 0.3401, 0.3501

Tritanomaly

66.5547, 0.3084, 0.3279

Monochromacy



Original Color

66.8396, 0.3221, 0.3616

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.9602, 0.3165, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8396, 0.3221, 0.3616 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(205, 218, 190)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 218, 190) }
```

Border

The CSS property to change the border of an element to Yxy 66.8396, 0.3221, 0.3616 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(205, 218, 190) }
```

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

```
.border{ border-color:rgb(205, 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(205, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 218, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 218, 190);  
box-shadow:4px 4px 4px 4px rgb(205, 218,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8396, 0.3221, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 218, 190) }
```

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

```
.background{ background-color: rgb(205,  
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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