

Converting Colors

Yxy(63.1840, 0.3616, 0.4149)

Have a look what the booklet for
Yxy(63.1840, 0.3616, 0.4149)
contains.

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Color

Yxy(63.1836, 0.3616, 0.4146)

Conversions

Conversions Part 1

Format	Color
Hex	D2D58C
RGB	210, 213, 140
RGB Percent	82%, 84%, 55%
CMY	0.1765, 0.1647, 0.4509
CMYK	0.01, 0.00, 0.34, 0.16
HSL	62°, 46%, 69%
HSV	62°, 34%, 84%
XYZ	55.1066, 63.1836, 34.1063
YIQ	203.7810, 21.6450, -23.3390

Conversions

Conversions Part 2

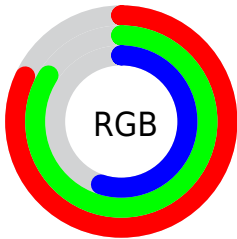
Format	Color
RYB	140, 213, 143
Decimal	13817228
CIELab	83.54, -12.12, 35.79
CIElCh	84, 37.788, 108.710
Yxy	63.1836, 0.3616, 0.4146
Android (android.graphics.Color)	4292007308 (0xFFD2D58C)
YUV	203.7810, -31.4440, 5.4541
Hunter-Lab	79.4881, -15.3558, 30.2018

Details

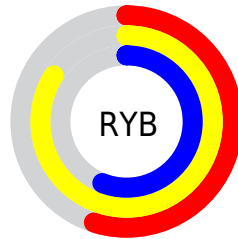
The Yxy color **63.1836, 0.3616, 0.4146** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.4057, 0.2536, 0.2279**, and the grayscale version is **60.4321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **32.0450, 0.3717, 0.4354** is the 20% darker color. If you saturate the color by 10%, you get **62.4892, 0.3749, 0.4384**, and if you desaturate by 10%, it is **64.0060, 0.3474, 0.3896**.

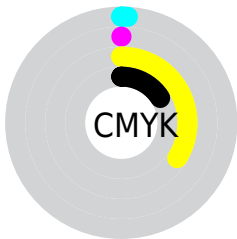
Distribution



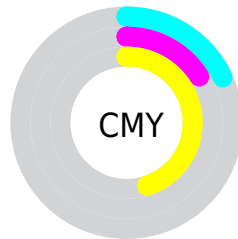
- Red (82%)
- Green (84%)
- Blue (55%)



- Red (55%)
- Yellow (84%)
- Blue (56%)



- Cyan (1%)
- Magenta (0%)
- Yellow (34%)
- Black (16%)





- Cyan (18%)
- Magenta (16%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1836, 0.3616, 0.4146 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 63.1836, 0.3616, 0.4146 by changing the saturation by 10% instead.

 63.1836, 0.3616,
0.4146


 63.1836, 0.3616,
0.4146


436.2355, 0.3394,
0.3735


 45.9898, 0.3664,
0.4242


 109.4343, 0.3541,
0.4001

 32.2377, 0.3721,
0.4362


 139.2600, 0.3511,
0.3945

 21.5432, 0.3790,
0.4513


 174.0651, 0.3485,
0.3898

 13.5216, 0.3872,
0.4710

214.2340, 0.3462,
0.3856

 7.7887, 0.3966,
0.4972

260.1511, 0.3442,
0.3820

 3.9600, 0.4126,
0.5416

312.2008, 0.3424,

 1.6512, 0.4132,

0.3788

0.5868

370.7675, 0.3408,
0.3760

0.3918, 0.1633,
0.8367

0.0000, 0.0000,
0.0000

63.1836, 0.3616,
0.4146

63.1836, 0.3616,
0.4146

62.4892, 0.3749,
0.4384

64.0060, 0.3474,
0.3896

61.9072, 0.3868,
0.4600

64.9544, 0.3330,
0.3642


61.4328, 0.3967,
0.4784


66.0377, 0.3187,
0.3393

61.0572, 0.4042,
0.4929


67.2614, 0.3049,
0.3155


 60.7702, 0.4092,
0.5031

 68.6309, 0.2918,
0.2930

 60.5597, 0.4115,
0.5089

 69.2981, 0.2872,
0.2845

 60.4613, 0.4121,
0.5110

 69.4315, 0.2878,
0.2846

 69.5656, 0.2884,
0.2847

 69.7004, 0.2890,
0.2848

Harmonies

Analogous

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



63.1836, 0.3962, 0.3960



63.1836, 0.3616, 0.4146



63.1836, 0.3154, 0.4075

Triad

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



63.1836, 0.3616, 0.4146



63.1836, 0.2258, 0.2843



63.1836, 0.3528, 0.2895

Complementary

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



63.1836, 0.3616, 0.4146



29.4057, 0.2536, 0.2279

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.



63.1836, 0.3041, 0.2640



63.1836, 0.3616, 0.4146



63.1836, 0.2337, 0.2591

Square

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



63.1836, 0.3616, 0.4146



63.1836, 0.2385, 0.3259



63.1836, 0.2612, 0.2528



63.1836, 0.3921, 0.3244

Rectangle

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



63.1836, 0.3616, 0.4146



63.1836, 0.2846, 0.3871



63.1836, 0.2612, 0.2528



63.1836, 0.3368, 0.2797

Sweetspot

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



63.1865, 0.3616, 0.4146



98.2665, 0.3270, 0.3538



35.5198, 0.3921, 0.3323



20.9846, 0.3290, 0.3573



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.



63.1865, 0.3616, 0.4146



94.1889, 0.3712, 0.4318



58.4924, 0.3329, 0.4233



14.4927, 0.3260, 0.3521



36.9418, 0.4122, 0.5109



2.2364, 0.4135, 0.5099

Inverse Universe

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



29.4057, 0.2536, 0.2279



36.1211, 0.2388, 0.2030



33.1412, 0.2848, 0.2361



12.0329, 0.2988, 0.3049



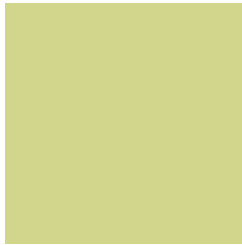
2.9800, 0.1514, 0.0608



0.1885, 0.1558, 0.0632

Previews

White Background



This preview shows how the Yxy color 63.1836, 0.3616, 0.4146 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 63.1836, 0.3616, 0.4146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

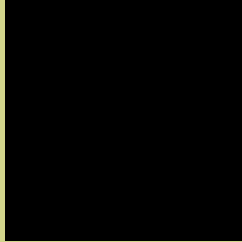
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1836, 0.3616, 0.4146

Background



This preview shows how black text looks on a background with the Yxy color 63.1836, 0.3616, 0.4146.



This preview shows how white text looks on a background with the Yxy color 63.1836, 0.3616, 0.4146.

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

63.1836, 0.3616, 0.4146

Protanopia

63.1155, 0.3780, 0.4078

Deuteranopia

62.7865, 0.3966, 0.3885



Tritanopia

63.0420, 0.3143, 0.3113

Trichromacy



Original Color

63.1836, 0.3616, 0.4146

Protanomaly

63.1729, 0.3716, 0.4102

Deuteranomaly

62.6312, 0.3835, 0.3976

Tritanomaly

62.9423, 0.3319, 0.3486

Monochromacy



Original Color

63.1836, 0.3616, 0.4146

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.0837, 0.3305, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1836, 0.3616, 0.4146 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(210, 213, 140)` looks like.

```
.text, #text, p{  
    color:rgb(210, 213, 140)  
}
```

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(210, 213, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 213, 140) }
```

Border

The CSS property to change the border of an element to Yxy 63.1836, 0.3616, 0.4146 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(210, 213, 140) }
```

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

```
.border{ border-color:rgb(210, 213, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 213, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 213, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 213, 140);  
box-shadow:4px 4px 4px 4px rgb(210, 213,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1836, 0.3616, 0.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 213, 140) }
```

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

```
.background{ background-color: rgb(210,  
213, 140) }
```

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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