

Converting Colors

Yxy(65.3931, 0.3366, 0.3658)

Have a look what the booklet for
Yxy(65.3931, 0.3366, 0.3658)
contains.

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Color

Yxy(65.3718, 0.3367, 0.3658)

Conversions

Conversions Part 1

Format	Color
Hex	D7D5B5
RGB	215, 213, 181
RGB Percent	84%, 84%, 71%
CMY	0.1566, 0.1648, 0.2902
CMYK	0.00, 0.01, 0.16, 0.16
HSL	56°, 30%, 78%
HSV	56°, 16%, 84%
XYZ	60.1714, 65.3718, 53.1660
YIQ	209.9500, 11.4640, -9.5280

Conversions

Conversions Part 2

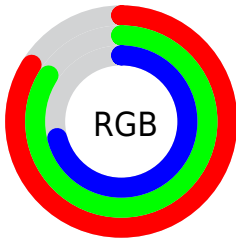
Format	Color
R _Y B	183, 215, 181
Decimal	14144949
CIE Lab	84.67, -4.62, 16.09
CIE LCh	85, 16.737, 106.016
Yxy	65.3718, 0.3367, 0.3658
Android (android.graphics.Color)	4292335029 (0xFFD7D5B5)
YUV	209.9500, -14.2723, 4.4289
Hunter-Lab	80.8528, -8.6512, 17.6100

Details

The Yxy color **65.3718, 0.3367, 0.3658** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.6313, 0.2872, 0.2893**, and the grayscale version is **64.5105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **33.4858, 0.3426, 0.3747** is the 20% darker color. If you saturate the color by 10%, you get **63.9050, 0.3524, 0.3896**, and if you desaturate by 10%, it is **66.9859, 0.3214, 0.3423**.

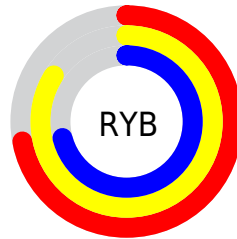
Distribution



Red (84%)

Green (84%)

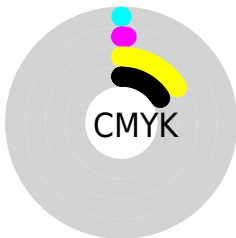
Blue (71%)



Red (72%)

Yellow (84%)

Blue (71%)

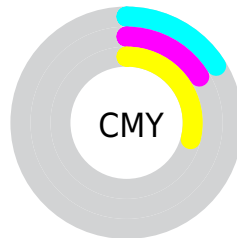


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.3718, 0.3367, 0.3658 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 65.3718, 0.3367, 0.3658 by changing the saturation by 10% instead.


 65.3718, 0.3367,
0.3658

 65.3718, 0.3367,
0.3658


444.1269, 0.3255,
0.3483

 47.7626, 0.3393,
0.3699


 112.5842, 0.3328,
0.3596

 33.6389, 0.3425,
0.3751


142.9563, 0.3313,
0.3573

 22.6164, 0.3465,
0.3817


178.3514, 0.3300,
0.3552

 14.3105, 0.3518,
0.3905

219.1539, 0.3288,
0.3535

 8.3369, 0.3591,
0.4028

265.7484, 0.3278,
0.3519

 4.3113, 0.3693,
0.4209

318.5191, 0.3270,

 1.8492, 0.3879,

0.3506

0.4540

377.8504, 0.3262,
0.3494

0.5175, 0.4229,
0.5771

0.0000, 0.0000,
0.0000

65.3718, 0.3367,
0.3658

65.3718, 0.3367,
0.3658

63.9050, 0.3524,
0.3896

66.9859, 0.3214,
0.3423

62.5706, 0.3681,
0.4130

68.7446, 0.3067,
0.3197

61.3649, 0.3831,
0.4350

70.6561, 0.2930,
0.2983

60.2804, 0.3968,
0.4547

71.9265, 0.2873,
0.2902

■ 59.3090, 0.4087,
0.4712

■ 72.6069, 0.2874,
0.2916

■ 58.4417, 0.4182,
0.4837

■ 73.2926, 0.2874,
0.2930

■ 57.6677, 0.4250,
0.4917

■ 73.9837, 0.2875,
0.2944

■ 56.9740, 0.4292,
0.4956

■ 74.6801, 0.2875,
0.2958

■ 56.6986, 0.4304,
0.4964

■ 75.3819, 0.2876,
0.2972

Harmonies

Analogous

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



65.3718, 0.3505, 0.3587



65.3718, 0.3367, 0.3658



65.3718, 0.3167, 0.3626

Triad

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



65.3718, 0.3367, 0.3658



65.3718, 0.2731, 0.3118



65.3718, 0.3288, 0.3098

Complementary

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



65.3718, 0.3367, 0.3658



48.6313, 0.2872, 0.2893

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.



65.3718, 0.3076, 0.2981



65.3718, 0.3367, 0.3658



65.3718, 0.2760, 0.2987

Square

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



65.3718, 0.3367, 0.3658



65.3718, 0.2804, 0.3304



65.3718, 0.2884, 0.2940



65.3718, 0.3460, 0.3263

Rectangle

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



65.3718, 0.3367, 0.3658



65.3718, 0.3027, 0.3547



65.3718, 0.2884, 0.2940



65.3718, 0.3219, 0.3052

Sweetspot

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



65.3747, 0.3367, 0.3658



98.7132, 0.3202, 0.3405



50.9367, 0.3405, 0.3264



21.0909, 0.3212, 0.3422



0.0000, 0.0000, 0.0000



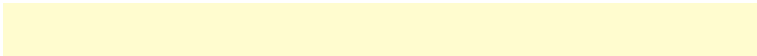
21.4041, 0.3127, 0.3290

Same Dimension

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



65.3747, 0.3367, 0.3658



95.4015, 0.3419, 0.3738



64.2861, 0.3251, 0.3695



14.3848, 0.3268, 0.3507



33.9503, 0.4303, 0.4966



2.0877, 0.4282, 0.4982

Inverse Universe

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



48.6313, 0.2872, 0.2893



66.2625, 0.2812, 0.2799



49.6638, 0.2988, 0.2881



12.1284, 0.2981, 0.3064



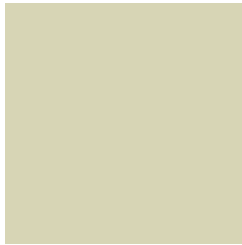
3.1596, 0.1512, 0.0641



0.2341, 0.1547, 0.0769

Previews

White Background



This preview shows how the Yxy color 65.3718, 0.3367, 0.3658 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 65.3718, 0.3367, 0.3658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

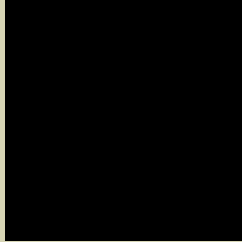
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

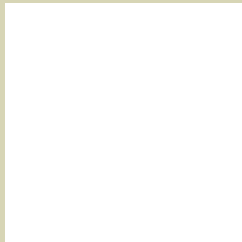
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3718, 0.3367, 0.3658

Background



This preview shows how black text looks on a background with the Yxy color 65.3718, 0.3367, 0.3658.



This preview shows how white text looks on a background with the Yxy color 65.3718, 0.3367, 0.3658.

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

65.3718, 0.3367, 0.3658

Protanopia

65.4134, 0.3432, 0.3642

Deuteranopia

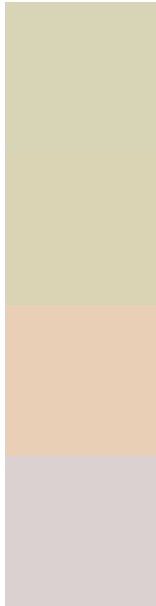
65.0080, 0.3589, 0.3507



Tritanopia

65.3255, 0.3120, 0.3114

Trichromacy



Original Color

65.3718, 0.3367, 0.3658

Protanomaly

65.4423, 0.3407, 0.3655

Deuteranomaly

65.1589, 0.3506, 0.3567

Tritanomaly

65.2151, 0.3210, 0.3301

Monochromacy



Original Color

65.3718, 0.3367, 0.3658

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.7091, 0.3218, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3718, 0.3367, 0.3658 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, 213, 181)` looks like.

```
.text, #text, p{  
    color:rgb(215, 213, 181)  
}
```

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, 213, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 213, 181) }
```

Border

The CSS property to change the border of an element to Yxy 65.3718, 0.3367, 0.3658 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, 213, 181) }
```

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

```
.border{ border-color:rgb(215, 213, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 213, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 213, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 213, 181);  
box-shadow:4px 4px 4px 4px rgb(215, 213,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3718, 0.3367, 0.3658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 213, 181) }
```

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

```
.background{ background-color: rgb(215,  
213, 181) }
```

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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