

Converting Colors

$Yxy(67.1995, 0.3365, 0.3776)$

Have a look what the booklet for
Yxy(67.1995, 0.3365, 0.3776)
contains.

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Color

Yxy(67.1263, 0.3362, 0.3776)

Conversions

Conversions Part 1

Format	Color
Hex	D3DAB0
RGB	211, 218, 176
RGB Percent	83%, 85%, 69%
CMY	0.1726, 0.1450, 0.3098
CMYK	0.03, 0.00, 0.19, 0.15
HSL	70°, 36%, 77%
HSV	70°, 19%, 85%
XYZ	59.7666, 67.1263, 50.8780
YIQ	211.1190, 9.3100, -14.5460

Conversions

Conversions Part 2

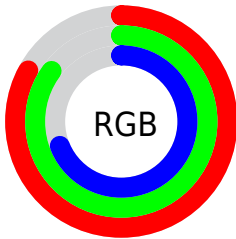
Format	Color
RYB	176, 218, 183
Decimal	13884080
CIELab	85.57, -9.43, 19.92
CIELCh	86, 22.038, 115.336
Yxy	67.1263, 0.3362, 0.3776
Android (android.graphics.Color)	4292074160 (0xFFD3DAB0)
YUV	211.1190, -17.3137, -0.1044
Hunter-Lab	81.9306, -13.1668, 20.5330

Details

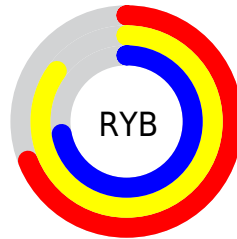
The Yxy color **67.1263, 0.3362, 0.3776** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.1828, 0.2864, 0.2771**, and the grayscale version is **65.3354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **34.6924, 0.3417, 0.3902** is the 20% darker color. If you saturate the color by 10%, you get **65.8015, 0.3483, 0.4039**, and if you desaturate by 10%, it is **68.6079, 0.3239, 0.3519**.

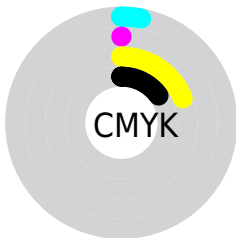
Distribution



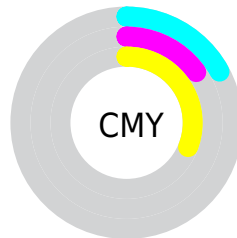
- Red (83%)
- Green (85%)
- Blue (69%)



- Red (69%)
- Yellow (85%)
- Blue (72%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1263, 0.3362, 0.3776 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 67.1263, 0.3362, 0.3776 by changing the saturation by 10% instead.

■ 67.1263, 0.3362,
0.3776

■ 67.1263, 0.3362,
0.3776

450.3942, 0.3254,
0.3544

■ 49.1873, 0.3386,
0.3831

■ 115.1014, 0.3325,
0.3694

■ 34.7681, 0.3416,
0.3899

145.9062, 0.3310,
0.3663

■ 23.4843, 0.3453,
0.3987

181.7684, 0.3298,
0.3636

■ 14.9515, 0.3500,
0.4104

223.0724, 0.3287,
0.3612

■ 8.7853, 0.3561,
0.4268

270.2026, 0.3277,
0.3592

■ 4.6014, 0.3643,
0.4508

323.5434, 0.3269,

■ 2.0154, 0.3819,

0.3574

0.4984

383.4791, 0.3261,
0.3558

0.6164, 0.3659,
0.6341

0.0000, 0.0000,
0.0000

67.1263, 0.3362,
0.3776

67.1263, 0.3362,
0.3776

65.8015, 0.3483,
0.4039

68.6079, 0.3239,
0.3519

64.6178, 0.3598,
0.4300

70.2436, 0.3119,
0.3273

63.5712, 0.3702,
0.4548

72.0422, 0.3003,
0.3042

62.6535, 0.3789,
0.4773

73.4698, 0.2943,
0.2907

61.8561, 0.3854,
0.4965

74.0647, 0.2967,
0.2910

61.1689, 0.3893,
0.5115

74.6723, 0.2992,
0.2913

60.5802, 0.3907,
0.5220

75.2925, 0.3017,
0.2916

60.0708, 0.3898,
0.5283

75.9256, 0.3041,
0.2919

60.0350, 0.3897,
0.5287

76.5715, 0.3067,
0.2922

Harmonies

Analogous

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



67.1263, 0.3576, 0.3717



67.1263, 0.3362, 0.3776



67.1263, 0.3091, 0.3692

Triad

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



67.1263, 0.3362, 0.3776



67.1263, 0.2613, 0.2999



67.1263, 0.3415, 0.3102

Complementary

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



67.1263, 0.3362, 0.3776



46.1828, 0.2864, 0.2771

Split Complementary

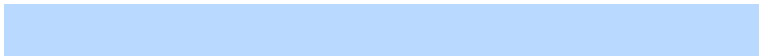
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.1263, 0.3145, 0.2930



67.1263, 0.3362, 0.3776



67.1263, 0.2689, 0.2865

Square

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



67.1263, 0.3362, 0.3776



67.1263, 0.2665, 0.3225



67.1263, 0.2881, 0.2843



67.1263, 0.3611, 0.3324

Rectangle

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



67.1263, 0.3362, 0.3776



67.1263, 0.2916, 0.3563



67.1263, 0.2881, 0.2843



67.1263, 0.3329, 0.3037

Sweetspot

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



67.1293, 0.3362, 0.3776



98.5709, 0.3200, 0.3438



51.9083, 0.3489, 0.3374



21.0660, 0.3208, 0.3454



0.0000, 0.0000, 0.0000



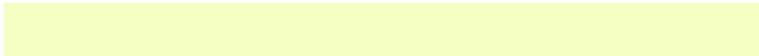
21.4041, 0.3127, 0.3290

Same Dimension

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



67.1293, 0.3362, 0.3776



94.9665, 0.3410, 0.3879



64.2310, 0.3204, 0.3801



15.1478, 0.3241, 0.3523



36.0034, 0.3902, 0.5284



2.3624, 0.3952, 0.5244

Inverse Universe

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



46.1828, 0.2864, 0.2771



60.0040, 0.2801, 0.2652



48.9502, 0.3033, 0.2797



12.7214, 0.3007, 0.3050



3.2943, 0.1576, 0.0642



0.2461, 0.1715, 0.0719

Previews

White Background



This preview shows how the Yxy color 67.1263, 0.3362, 0.3776 looks on a white background.

Color Contrast Check

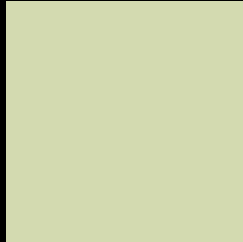
Large Text (above 18pt) WCAG AA × Fail

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 67.1263, 0.3362, 0.3776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

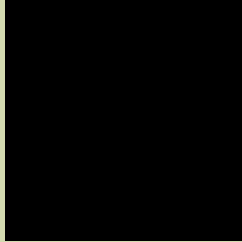
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.1263, 0.3362, 0.3776

Background



This preview shows how black text looks on a background with the Yxy color 67.1263, 0.3362, 0.3776.



This preview shows how white text looks on a background with the Yxy color 67.1263, 0.3362, 0.3776.

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

67.1263, 0.3362, 0.3776

Protanopia

66.8132, 0.3504, 0.3728

Deuteranopia

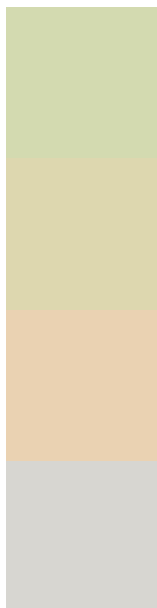
67.1714, 0.3652, 0.3578



Tritanopia

67.0954, 0.3063, 0.3104

Trichromacy



Original Color

67.1263, 0.3362, 0.3776

Protanomaly

67.0682, 0.3452, 0.3743

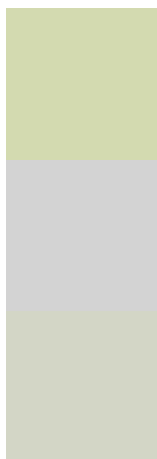
Deuteranomaly

66.8000, 0.3545, 0.3642

Tritanomaly

67.1437, 0.3169, 0.3346

Monochromacy



Original Color

67.1263, 0.3362, 0.3776

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.0192, 0.3215, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1263, 0.3362, 0.3776 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, 218, 176)` looks like.

```
.text, #text, p{  
    color:rgb(211, 218, 176)  
}
```

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, 218, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 218, 176) }
```

Border

The CSS property to change the border of an element to Yxy 67.1263, 0.3362, 0.3776 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, 218, 176) }
```

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

```
.border{ border-color:rgb(211, 218, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 218, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 218, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 218, 176); box-shadow:4px 4px 4px 4px rgb(211, 218, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1263, 0.3362, 0.3776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 218, 176) }
```

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

```
.background{ background-color: rgb(211,  
218, 176) }
```

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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