

Converting Colors

$Yxy(67.2525, 0.3360, 0.3762)$

Have a look what the booklet for
Yxy(67.2525, 0.3360, 0.3762)
contains.

Yxy(67.3142, 0.3363, 0.3763)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.3142, 0.3363, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	D4DAB1
RGB	212, 218, 177
RGB Percent	83%, 85%, 69%
CMY	0.1686, 0.1451, 0.3059
CMYK	0.03, 0.00, 0.19, 0.15
HSL	69°, 36%, 77%
HSV	69°, 19%, 85%
XYZ	60.1588, 67.3142, 51.4114
YIQ	211.5320, 9.5850, -14.0230

Conversions

Conversions Part 2

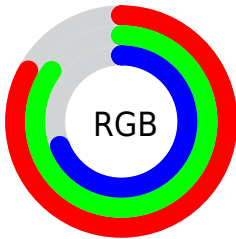
Format	Color
RYB	177, 218, 183
Decimal	13949617
CIELab	85.66, -8.90, 19.54
CIELCh	86, 21.474, 114.496
Yxy	67.3142, 0.3363, 0.3763
Android (android.graphics.Color)	4292139697 (0xFFD4DAB1)
YUV	211.5320, -17.0243, 0.4104
Hunter-Lab	82.0452, -12.6959, 20.2792

Details

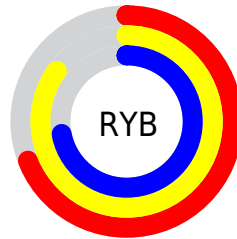
The Yxy color **67.3142, 0.3363, 0.3763** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.5688, 0.2864, 0.2784**, and the grayscale version is **65.6235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **34.8177, 0.3418, 0.3885** is the 20% darker color. If you saturate the color by 10%, you get **66.0469, 0.3488, 0.4024**, and if you desaturate by 10%, it is **68.7357, 0.3237, 0.3507**.

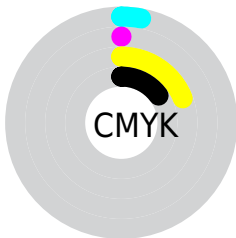
Distribution



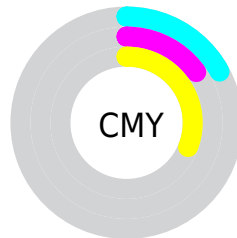
- Red (83%)
- Green (85%)
- Blue (69%)



- 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 67.3142, 0.3363, 0.3763 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 67.3142, 0.3363, 0.3763 by changing the saturation by 10% instead.

 67.3142, 0.3363,
0.3763

 67.3142, 0.3363,
0.3763

451.0623, 0.3255,
0.3537

 49.3400, 0.3387,
0.3816


 115.3705, 0.3326,
0.3683

 34.8893, 0.3417,
0.3883

146.2214, 0.3311,
0.3653

 23.5776, 0.3455,
0.3968


182.1334, 0.3298,
0.3627

 15.0206, 0.3502,
0.4081

223.4907, 0.3287,
0.3604

 8.8338, 0.3565,
0.4239

270.6779, 0.3278,
0.3584

 4.6330, 0.3649,
0.4472

324.0793, 0.3269,

 2.0336, 0.3819,

0.3567

0.4919

384.0793, 0.3262,
0.3551

0.6269, 0.3765,
0.6235

0.0000, 0.0000,
0.0000

67.3142, 0.3363,
0.3763

67.3142, 0.3363,
0.3763

66.0469, 0.3488,
0.4024

68.7357, 0.3237,
0.3507

64.9183, 0.3608,
0.4283

70.3086, 0.3113,
0.3262

63.9240, 0.3716,
0.4529

72.0418, 0.2994,
0.3031

63.0564, 0.3807,
0.4751

73.3344, 0.2937,
0.2907

62.3067, 0.3877,
0.4940

73.8509, 0.2958,
0.2909

61.6649, 0.3922,
0.5088

74.3771, 0.2980,
0.2912

61.1195, 0.3940,
0.5190

74.9130, 0.3002,
0.2914

60.6524, 0.3936,
0.5252

75.4586, 0.3023,
0.2917

60.5992, 0.3935,
0.5258

76.0140, 0.3045,
0.2919

Harmonies

Analogous

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



67.3142, 0.3569, 0.3702



67.3142, 0.3363, 0.3763



67.3142, 0.3100, 0.3685

Triad

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



67.3142, 0.3363, 0.3763



67.3142, 0.2625, 0.3012



67.3142, 0.3401, 0.3102

Complementary

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



67.3142, 0.3363, 0.3763



46.5688, 0.2864, 0.2784

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.



67.3142, 0.3137, 0.2935



67.3142, 0.3363, 0.3763



67.3142, 0.2697, 0.2878

Square

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



67.3142, 0.3363, 0.3763



67.3142, 0.2681, 0.3234



67.3142, 0.2881, 0.2853



67.3142, 0.3594, 0.3317

Rectangle

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



67.3142, 0.3363, 0.3763



67.3142, 0.2928, 0.3562



67.3142, 0.2881, 0.2853



67.3142, 0.3317, 0.3039

Sweetspot

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



67.3172, 0.3363, 0.3763



98.6315, 0.3202, 0.3438



51.7244, 0.3482, 0.3356



21.0804, 0.3210, 0.3454



0.0000, 0.0000, 0.0000



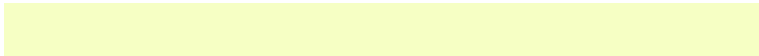
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3172, 0.3363, 0.3763



95.1906, 0.3418, 0.3878



64.5295, 0.3212, 0.3786



15.1624, 0.3244, 0.3523



36.3402, 0.3939, 0.5255



2.3812, 0.3983, 0.5220

Inverse Universe

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



46.5688, 0.2864, 0.2784



59.8269, 0.2793, 0.2651



49.1946, 0.3024, 0.2808



12.7081, 0.3003, 0.3050



3.2439, 0.1561, 0.0634



0.2398, 0.1689, 0.0704

Previews

White Background



This preview shows how the Yxy color 67.3142, 0.3363, 0.3763 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 67.3142, 0.3363, 0.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

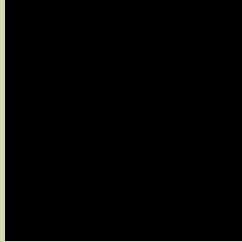
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

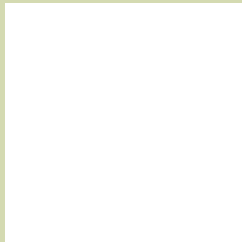
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3142, 0.3363, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 67.3142, 0.3363, 0.3763.



This preview shows how white text looks on a background with the Yxy color 67.3142, 0.3363, 0.3763.

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

67.3142, 0.3363, 0.3763

Protanopia

67.5192, 0.3502, 0.3726

Deuteranopia

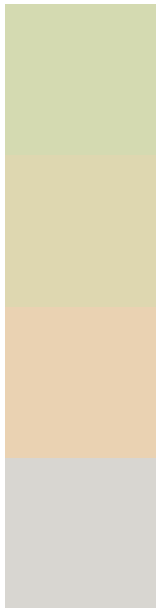
67.1714, 0.3652, 0.3578



Tritanopia

67.2500, 0.3070, 0.3104

Trichromacy



Original Color

67.3142, 0.3363, 0.3763

Protanomaly

67.2651, 0.3453, 0.3731

Deuteranomaly

66.8000, 0.3545, 0.3642

Tritanomaly

67.2955, 0.3176, 0.3346

Monochromacy



Original Color

67.3142, 0.3363, 0.3763

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.2137, 0.3215, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3142, 0.3363, 0.3763 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(212, 218, 177)` looks like.

```
.text, #text, p{  
    color:rgb(212, 218, 177)  
}
```

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(212, 218, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 218, 177) }
```

Border

The CSS property to change the border of an element to Yxy 67.3142, 0.3363, 0.3763 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(212, 218, 177) }
```

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

```
.border{ border-color:rgb(212, 218, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 218, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 218, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 218, 177); box-shadow:4px 4px 4px 4px rgb(212, 218, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3142, 0.3363, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 218, 177) }
```

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

```
.background{ background-color: rgb(212,  
218, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor