

Converting Colors

$Yxy(67.2281, 0.3264, 0.3582)$

Have a look what the booklet for
Yxy(67.2281, 0.3264, 0.3582)
contains.

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Color

Yxy(67.3843, 0.3267, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	D4D9BF
RGB	212, 217, 191
RGB Percent	83%, 85%, 75%
CMY	0.1689, 0.1489, 0.2510
CMYK	0.02, 0.00, 0.12, 0.15
HSL	72°, 26%, 80%
HSV	72°, 12%, 85%
XYZ	61.3558, 67.3843, 59.0646
YIQ	212.5410, 5.3660, -9.1460

Conversions

Conversions Part 2

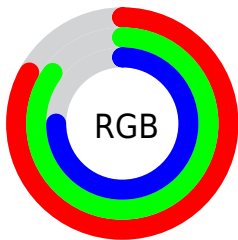
Format	Color
R _{YB}	191, 217, 196
Decimal	13949375
CIE Lab	85.70, -6.23, 12.23
CIE LCh	86, 13.723, 116.987
Yxy	67.3843, 0.3267, 0.3588
Android (android.graphics.Color)	4292139455 (0xFFD4D9BF)
YUV	212.5410, -10.6197, -0.4745
Hunter-Lab	82.0879, -10.2359, 14.8008

Details

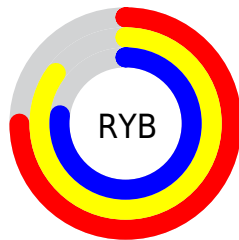
The Yxy color **67.3843, 0.3267, 0.3588** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0216, 0.2977, 0.2981**, and the grayscale version is **66.2830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **34.8437, 0.3294, 0.3654** is the 20% darker color. If you saturate the color by 10%, you get **65.8800, 0.3385, 0.3849**, and if you desaturate by 10%, it is **69.0525, 0.3150, 0.3338**.

Distribution



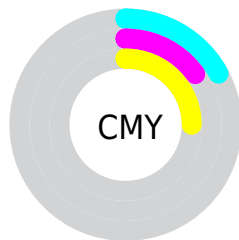
- Red (83%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (77%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)




- Cyan (17%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3843, 0.3267, 0.3588 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 67.3843, 0.3267, 0.3588 by changing the saturation by 10% instead.

 67.3843, 0.3267,
0.3588

 67.3843, 0.3267,
0.3588


451.3115, 0.3202,
0.3446

 49.3970, 0.3282,
0.3621


 115.4709, 0.3245,
0.3538

 34.9345, 0.3300,
0.3663


146.3390, 0.3236,
0.3519

 23.6124, 0.3323,
0.3716


182.2695, 0.3228,
0.3503

 15.0464, 0.3353,
0.3788

223.6467, 0.3222,
0.3488

 8.8519, 0.3394,
0.3888

270.8552, 0.3216,
0.3476

 4.6447, 0.3451,
0.4036

324.2792, 0.3211,

 2.0404, 0.3538,

0.3465

0.4282

384.3031, 0.3206,
0.3455

0.6308, 0.4150,
0.5850

0.0000, 0.0000,
0.0000

67.3843, 0.3267,
0.3588

67.3843, 0.3267,
0.3588

65.8800, 0.3385,
0.3849

69.0525, 0.3150,
0.3338

64.5246, 0.3500,
0.4114

70.8819, 0.3037,
0.3103

63.3142, 0.3607,
0.4376

72.8092, 0.2936,
0.2896

62.2414, 0.3702,
0.4624

73.4974, 0.2965,
0.2900

■ 61.2982, 0.3778,
0.4847

■ 74.2026, 0.2993,
0.2903

■ 60.4756, 0.3831,
0.5034

■ 74.9249, 0.3022,
0.2906

■ 59.7631, 0.3859,
0.5178

■ 75.6645, 0.3051,
0.2910

■ 59.1485, 0.3861,
0.5275

■ 76.4215, 0.3081,
0.2913

■ 58.7101, 0.3848,
0.5326

■ 77.1959, 0.3110,
0.2916

Harmonies

Analogous

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



67.3843, 0.3401, 0.3561



67.3843, 0.3267, 0.3588



67.3843, 0.3098, 0.3530

Triad

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



67.3843, 0.3267, 0.3588



67.3843, 0.2803, 0.3105



67.3843, 0.3315, 0.3180

Complementary

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



67.3843, 0.3267, 0.3588



54.0216, 0.2977, 0.2981

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.



67.3843, 0.3150, 0.3066



67.3843, 0.3267, 0.3588



67.3843, 0.2857, 0.3021

Square

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



67.3843, 0.3267, 0.3588



67.3843, 0.2833, 0.3245



67.3843, 0.2983, 0.3008



67.3843, 0.3430, 0.3323

Rectangle

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



67.3843, 0.3267, 0.3588



67.3843, 0.2988, 0.3450



67.3843, 0.2983, 0.3008



67.3843, 0.3263, 0.3137

Sweetspot

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



67.3872, 0.3267, 0.3588



98.9846, 0.3174, 0.3388



57.8951, 0.3335, 0.3346



21.1468, 0.3183, 0.3407



0.0000, 0.0000, 0.0000



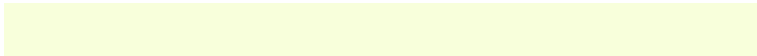
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3872, 0.3267, 0.3588



96.6121, 0.3292, 0.3643



65.5743, 0.3173, 0.3597



15.1288, 0.3237, 0.3523



35.5765, 0.3854, 0.5322



2.3383, 0.3912, 0.5276

Inverse Universe

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



54.0216, 0.2977, 0.2981



74.2523, 0.2947, 0.2922



55.7982, 0.3076, 0.2990



12.7390, 0.3011, 0.3050



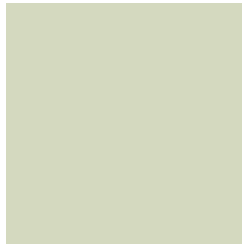
3.3703, 0.1597, 0.0654



0.2543, 0.1749, 0.0737

Previews

White Background



This preview shows how the Yxy color 67.3843, 0.3267, 0.3588 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 67.3843, 0.3267, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

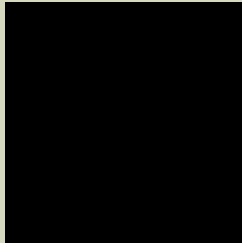
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

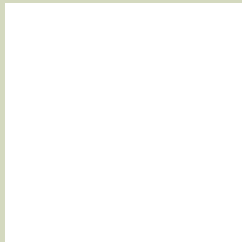
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3843, 0.3267, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 67.3843, 0.3267, 0.3588.



This preview shows how white text looks on a background with the Yxy color 67.3843, 0.3267, 0.3588.

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

67.3843, 0.3267, 0.3588

Protanopia

67.1099, 0.3379, 0.3559

Deuteranopia

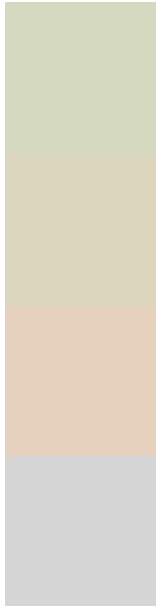
66.8701, 0.3504, 0.3430



Tritanopia

67.4401, 0.3056, 0.3115

Trichromacy



Original Color

67.3843, 0.3267, 0.3588

Protanomaly

67.0265, 0.3339, 0.3561

Deuteranomaly

66.8879, 0.3417, 0.3489

Tritanomaly

67.4465, 0.3128, 0.3279

Monochromacy



Original Color

67.3843, 0.3267, 0.3588

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.6470, 0.3181, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3843, 0.3267, 0.3588 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, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(212, 217, 191)  
}
```

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, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 217, 191) }
```

Border

The CSS property to change the border of an element to Yxy 67.3843, 0.3267, 0.3588 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, 217, 191) }
```

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

```
.border{ border-color:rgb(212, 217, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 217, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(212, 217,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3843, 0.3267, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 217, 191) }
```

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

```
.background{ background-color: rgb(212,  
217, 191) }
```

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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