

Converting Colors

Yxy(67.4953, 0.3272, 0.3589)

Have a look what the booklet for
Yxy(67.4953, 0.3272, 0.3589)
contains.

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Color

Yxy(67.5334, 0.3275, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	D5D9BF
RGB	213, 217, 191
RGB Percent	84%, 85%, 75%
CMY	0.1647, 0.1490, 0.2509
CMYK	0.02, 0.00, 0.12, 0.15
HSL	69°, 25%, 80%
HSV	69°, 12%, 85%
XYZ	61.6593, 67.5334, 59.0800
YIQ	212.8400, 5.9620, -8.9340

Conversions

Conversions Part 2

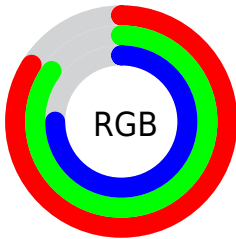
Format	Color
RYB	191, 217, 195
Decimal	14014911
CIELab	85.77, -5.84, 12.34
CIELCh	86, 13.655, 115.315
Yxy	67.5334, 0.3275, 0.3587
Android (android.graphics.Color)	4292204991 (0xFFD5D9BF)
YUV	212.8400, -10.7671, 0.1403
Hunter-Lab	82.1787, -9.8829, 14.9003

Details

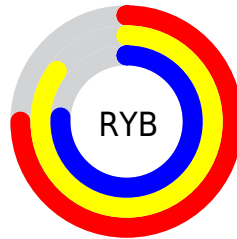
The Yxy color **67.5334, 0.3275, 0.3587** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8783, 0.2969, 0.2981**, and the grayscale version is **66.4999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **34.9447, 0.3304, 0.3652** is the 20% darker color. If you saturate the color by 10%, you get **66.1568, 0.3400, 0.3846**, and if you desaturate by 10%, it is **69.0678, 0.3151, 0.3338**.

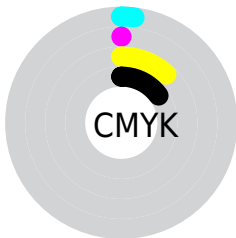
Distribution



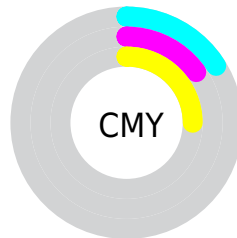
- Red (84%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (76%)



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



- Cyan (16%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.5334, 0.3275, 0.3587 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 67.5334, 0.3275, 0.3587 by changing the saturation by 10% instead.

67.5334, 0.3275,
0.3587

67.5334, 0.3275,
0.3587

451.8411, 0.3206,
0.3446

49.5182, 0.3291,
0.3620

115.6844, 0.3251,
0.3537

35.0307, 0.3310,
0.3661

146.5890, 0.3242,
0.3518

23.6866, 0.3334,
0.3715

182.5589, 0.3234,
0.3502

15.1013, 0.3366,
0.3785

223.9784, 0.3227,
0.3488

8.8905, 0.3410,
0.3884

271.2320, 0.3221,
0.3475

4.6698, 0.3471,
0.4032

324.7040, 0.3216,

2.0549, 0.3564,

0.3464

0.4273

384.7789, 0.3211,
0.3455

0.6391, 0.4211,
0.5789

0.0000, 0.0000,
0.0000

67.5334, 0.3275,
0.3587

67.5334, 0.3275,
0.3587

66.1568, 0.3400,
0.3846

69.0678, 0.3151,
0.3338

64.9227, 0.3523,
0.4108

70.7569, 0.3032,
0.3103

63.8275, 0.3638,
0.4364

72.5376, 0.2925,
0.2895

62.8639, 0.3740,
0.4605

73.0728, 0.2948,
0.2897

62.0237, 0.3824,
0.4820

73.6185, 0.2970,
0.2900

61.2982, 0.3884,
0.4998

74.1748, 0.2993,
0.2903

60.6771, 0.3919,
0.5133

74.7417, 0.3015,
0.2905

60.1480, 0.3929,
0.5223

75.3192, 0.3038,
0.2908

59.7734, 0.3922,
0.5268

75.9075, 0.3061,
0.2911

Harmonies

Analogous

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



67.5334, 0.3405, 0.3556



67.5334, 0.3275, 0.3587



67.5334, 0.3107, 0.3534

Triad

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



67.5334, 0.3275, 0.3587



67.5334, 0.2804, 0.3113



67.5334, 0.3306, 0.3173

Complementary

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



67.5334, 0.3275, 0.3587



53.8783, 0.2969, 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.



67.5334, 0.3140, 0.3062



67.5334, 0.3275, 0.3587



67.5334, 0.2853, 0.3025

Square

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



67.5334, 0.3275, 0.3587



67.5334, 0.2839, 0.3253



67.5334, 0.2975, 0.3008



67.5334, 0.3424, 0.3315

Rectangle

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



67.5334, 0.3275, 0.3587



67.5334, 0.2998, 0.3457



67.5334, 0.2975, 0.3008



67.5334, 0.3253, 0.3131

Sweetspot

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



67.5364, 0.3275, 0.3587



99.0642, 0.3176, 0.3388



57.5032, 0.3337, 0.3336



21.1670, 0.3186, 0.3407



0.0000, 0.0000, 0.0000



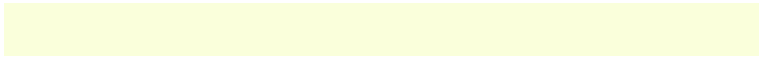
21.4041, 0.3127, 0.3290

Same Dimension

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



67.5364, 0.3275, 0.3587



96.8842, 0.3302, 0.3642



65.6833, 0.3179, 0.3596



15.1572, 0.3243, 0.3523



36.2200, 0.3926, 0.5265



2.3745, 0.3972, 0.5228

Inverse Universe

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



53.8783, 0.2969, 0.2981



74.0133, 0.2938, 0.2920



55.6716, 0.3069, 0.2990



12.7128, 0.3005, 0.3050



3.2610, 0.1566, 0.0637



0.2420, 0.1698, 0.0709

Previews

White Background



This preview shows how the Yxy color 67.5334, 0.3275, 0.3587 looks on a white background.

Color Contrast Check

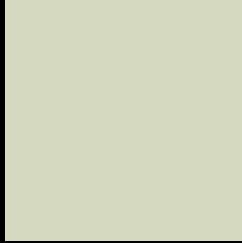
Large Text (above 18pt) WCAG AA × Fail

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 67.5334, 0.3275, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

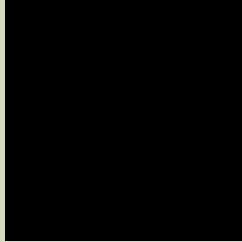
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

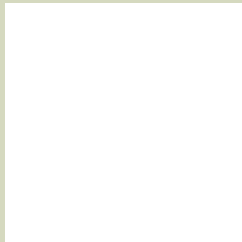
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5334, 0.3275, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 67.5334, 0.3275, 0.3587.



This preview shows how white text looks on a background with the Yxy color 67.5334, 0.3275, 0.3587.

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

67.5334, 0.3275, 0.3587

Protanopia

67.6146, 0.3377, 0.3570

Deuteranopia

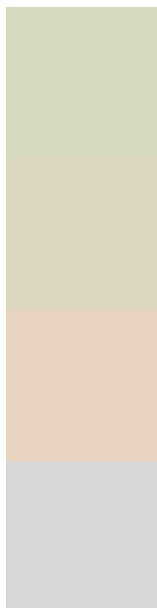
67.5306, 0.3510, 0.3440



Tritanopia

67.5938, 0.3063, 0.3115

Trichromacy



Original Color

67.5334, 0.3275, 0.3587

Protanomaly

67.5342, 0.3338, 0.3572

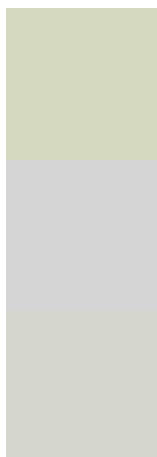
Deuteranomaly

67.5501, 0.3423, 0.3499

Tritanomaly

67.5984, 0.3135, 0.3279

Monochromacy



Original Color

67.5334, 0.3275, 0.3587

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 67.5334, 0.3275, 0.3587 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(213, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 217, 191) }
```

Border

The CSS property to change the border of an element to Yxy 67.5334, 0.3275, 0.3587 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(213, 217, 191) }
```

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

```
.border{ border-color:rgb(213, 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(213, 217, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(213, 217,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5334, 0.3275, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 217, 191) }
```

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

```
.background{ background-color: rgb(213,  
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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