

Converting Colors

$Yxy(67.6599, 0.3286, 0.3580)$

Have a look what the booklet for
Yxy(67.6599, 0.3286, 0.3580)
contains.

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Color

Yxy(67.8344, 0.3290, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	D7D9BF
RGB	215, 217, 191
RGB Percent	84%, 85%, 75%
CMY	0.1569, 0.1490, 0.2510
CMYK	0.01, 0.00, 0.12, 0.15
HSL	65°, 26%, 80%
HSV	65°, 12%, 85%
XYZ	62.2351, 67.8344, 59.0950
YIQ	213.4380, 7.1540, -8.5100

Conversions

Conversions Part 2

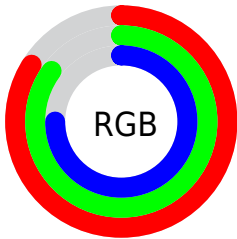
Format	Color
RYB	191, 217, 193
Decimal	14145983
CIELab	85.92, -5.15, 12.59
CIELCh	86, 13.602, 112.233
Yxy	67.8344, 0.3290, 0.3586
Android (android.graphics.Color)	4292336063 (0xFFD7D9BF)
YUV	213.4380, -11.0619, 1.3699
Hunter-Lab	82.3616, -9.2525, 15.1122

Details

The Yxy color **67.8344, 0.3290, 0.3586** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6066, 0.2954, 0.2979**, and the grayscale version is **66.9192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **35.1492, 0.3324, 0.3650** is the 20% darker color. If you saturate the color by 10%, you get **66.6963, 0.3428, 0.3841**, and if you desaturate by 10%, it is **69.1227, 0.3154, 0.3338**.

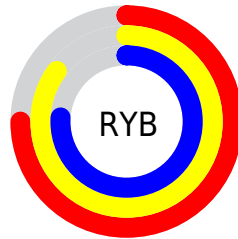
Distribution



Red (84%)

Green (85%)

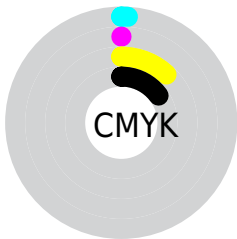
Blue (75%)



Red (75%)

Yellow (85%)

Blue (76%)

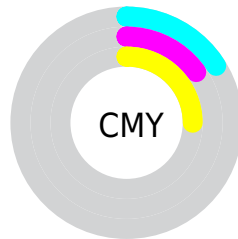


Cyan (1%)

Magenta (0%)

Yellow (12%)

Black (15%)



Cyan (16%)

Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8344, 0.3290, 0.3586 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 67.8344, 0.3290, 0.3586 by changing the saturation by 10% instead.

67.8344, 0.3290,
0.3586

67.8344, 0.3290,
0.3586

452.9091, 0.3214,
0.3446

49.7630, 0.3307,
0.3619

116.1152, 0.3264,
0.3537

35.2251, 0.3329,
0.3660

147.0934, 0.3254,
0.3518

23.8364, 0.3356,
0.3712

183.1427, 0.3245,
0.3501

15.2123, 0.3391,
0.3782

224.6475, 0.3237,
0.3487

8.9685, 0.3439,
0.3880

271.9921, 0.3230,
0.3475

4.7206, 0.3508,
0.4025

325.5610, 0.3224,

2.0843, 0.3612,

0.3464

0.4260

385.7385, 0.3219,
0.3454

0.6558, 0.4315,
0.5685

0.0000, 0.0000,
0.0000

67.8344, 0.3290,
0.3586

67.8344, 0.3290,
0.3586

66.6963, 0.3428,
0.3841

69.1227, 0.3154,
0.3338

65.6932, 0.3564,
0.4096

70.5581, 0.3023,
0.3102

64.8214, 0.3693,
0.4343

72.0786, 0.2906,
0.2893

64.0738, 0.3809,
0.4571

72.3447, 0.2917,
0.2894

63.4423, 0.3907,
0.4771

72.6134, 0.2928,
0.2895

62.9181, 0.3981,
0.4933

72.8849, 0.2939,
0.2897

62.4910, 0.4029,
0.5052

73.1591, 0.2951,
0.2898

62.1487, 0.4052,
0.5127

73.4360, 0.2962,
0.2899

61.9191, 0.4056,
0.5162

73.7157, 0.2974,
0.2901

Harmonies

Analogous

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



67.8344, 0.3414, 0.3547



67.8344, 0.3290, 0.3586



67.8344, 0.3125, 0.3542

Triad

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



67.8344, 0.3290, 0.3586



67.8344, 0.2806, 0.3126



67.8344, 0.3289, 0.3161

Complementary

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



67.8344, 0.3290, 0.3586



53.6066, 0.2954, 0.2979

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.



67.8344, 0.3122, 0.3055



67.8344, 0.3290, 0.3586



67.8344, 0.2846, 0.3032

Square

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



67.8344, 0.3290, 0.3586



67.8344, 0.2848, 0.3270



67.8344, 0.2961, 0.3008



67.8344, 0.3414, 0.3300

Rectangle

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



67.8344, 0.3290, 0.3586



67.8344, 0.3014, 0.3469



67.8344, 0.2961, 0.3008



67.8344, 0.3236, 0.3120

Sweetspot

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



67.8374, 0.3290, 0.3586



99.2095, 0.3181, 0.3388



56.5319, 0.3340, 0.3311



21.2039, 0.3192, 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.



67.8374, 0.3290, 0.3586



97.3850, 0.3319, 0.3640



65.9870, 0.3195, 0.3595



15.2094, 0.3255, 0.3522



37.4988, 0.4058, 0.5160



2.4450, 0.4081, 0.5142

Inverse Universe

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



53.6066, 0.2954, 0.2979



73.5835, 0.2920, 0.2919



55.3503, 0.3052, 0.2988



12.6656, 0.2993, 0.3049



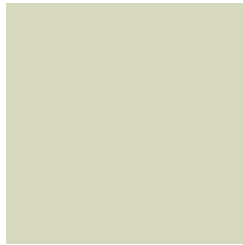
3.1225, 0.1526, 0.0615



0.2196, 0.1603, 0.0657

Previews

White Background



This preview shows how the Yxy color 67.8344, 0.3290, 0.3586 looks on a white background.

Color Contrast Check

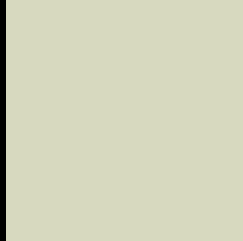
Large Text (above 18pt) WCAG AA × Fail

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 67.8344, 0.3290, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

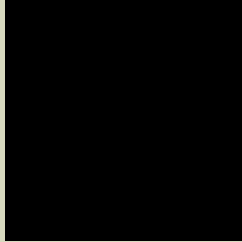
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

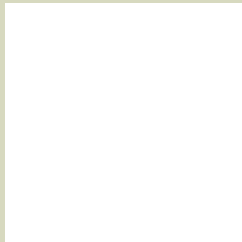
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8344, 0.3290, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 67.8344, 0.3290, 0.3586.



This preview shows how white text looks on a background with the Yxy color 67.8344, 0.3290, 0.3586.

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

67.8344, 0.3290, 0.3586

Protanopia

67.6146, 0.3377, 0.3570

Deuteranopia

67.5306, 0.3510, 0.3440



Tritanopia

67.9040, 0.3077, 0.3116

Trichromacy



Original Color

67.8344, 0.3290, 0.3586

Protanomaly

67.6907, 0.3346, 0.3571

Deuteranomaly

67.7179, 0.3431, 0.3498

Tritanomaly

67.9049, 0.3150, 0.3279

Monochromacy



Original Color

67.8344, 0.3290, 0.3586

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.7971, 0.3189, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8344, 0.3290, 0.3586 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, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 191) }
```

Border

The CSS property to change the border of an element to Yxy 67.8344, 0.3290, 0.3586 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, 217, 191) }
```

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

```
.border{ border-color:rgb(215, 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(215, 217, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8344, 0.3290, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 191) }
```

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

```
.background{ background-color: rgb(215,  
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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