

Converting Colors

Yxy(67.3163, 0.3227, 0.3639)

Have a look what the booklet for
Yxy(67.3163, 0.3227, 0.3639)
contains.

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Color

Yxy(67.3163, 0.3227, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	CDDDBD
RGB	205, 219, 189
RGB Percent	80%, 86%, 74%
CMY	0.1960, 0.1412, 0.2589
CMYK	0.06, 0.00, 0.14, 0.14
HSL	88°, 29%, 80%
HSV	88°, 14%, 86%
XYZ	59.6949, 67.3163, 57.9745
YIQ	211.3940, 1.2860, -12.2980

Conversions

Conversions Part 2

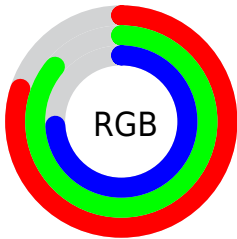
Format	Color
RYB	189, 219, 203
Decimal	13491133
CIELab	85.66, -10.01, 13.18
CIELCh	86, 16.553, 127.230
Yxy	67.3163, 0.3227, 0.3639
Android (android.graphics.Color)	4291681213 (0xFFCDDDBD)
YUV	211.3940, -11.0402, -5.6075
Hunter-Lab	82.0465, -13.7095, 15.5379

Details

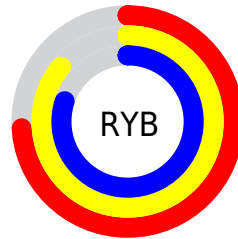
The Yxy color **67.3163, 0.3227, 0.3639** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.1882, 0.3016, 0.2940**, and the grayscale version is **65.4915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **34.9078, 0.3249, 0.3721** is the 20% darker color. If you saturate the color by 10%, you get **65.0355, 0.3298, 0.3916**, and if you desaturate by 10%, it is **69.8411, 0.3154, 0.3381**.

Distribution



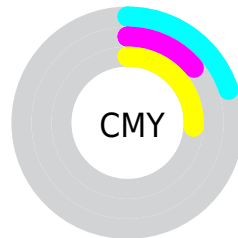
- Red (80%)
- Green (86%)
- Blue (74%)



- Red (74%)
- Yellow (86%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (14%)





- Cyan (20%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3163, 0.3227, 0.3639 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 67.3163, 0.3227, 0.3639 by changing the saturation by 10% instead.


 67.3163, 0.3227,
0.3639

 67.3163, 0.3227,
0.3639

451.0698, 0.3182,
0.3472

 49.3417, 0.3237,
0.3678


 115.3735, 0.3211,
0.3580

 34.8906, 0.3249,
0.3728


146.2249, 0.3205,
0.3557

 23.5786, 0.3265,
0.3792


182.1374, 0.3200,
0.3538

 15.0213, 0.3284,
0.3877

223.4954, 0.3195,
0.3521

 8.8344, 0.3310,
0.3998

270.6832, 0.3191,
0.3507

 4.6333, 0.3344,
0.4179

324.0853, 0.3188,

 2.0338, 0.3389,

0.3494

0.4481

384.0860, 0.3185,
0.3482

0.6270, 0.3592,
0.6408

0.0000, 0.0000,
0.0000

67.3163, 0.3227,
0.3639

67.3163, 0.3227,
0.3639

65.0355, 0.3298,
0.3916

69.8411, 0.3154,
0.3381

62.9816, 0.3365,
0.4207

72.6089, 0.3082,
0.3143

61.1490, 0.3422,
0.4503

75.6299, 0.3012,
0.2929

59.5282, 0.3466,
0.4792

77.4428, 0.3080,
0.2933

■ 58.1089, 0.3493,
0.5062

■ 79.1444, 0.3144,
0.2940

■ 56.8799, 0.3498,
0.5297

■ 55.8283, 0.3479,
0.5484

■ 54.9389, 0.3439,
0.5616

■ 54.4481, 0.3407,
0.5677

Harmonies

Analogous

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



67.3163, 0.3410, 0.3640



67.3163, 0.3227, 0.3639



67.3163, 0.3021, 0.3536

Triad

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



67.3163, 0.3227, 0.3639



67.3163, 0.2749, 0.3023



67.3163, 0.3411, 0.3214

Complementary

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



67.3163, 0.3227, 0.3639



54.1882, 0.3016, 0.2940

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.



67.3163, 0.3225, 0.3062



67.3163, 0.3227, 0.3639



67.3163, 0.2845, 0.2951

Square

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



67.3163, 0.3227, 0.3639



67.3163, 0.2750, 0.3171



67.3163, 0.3018, 0.2967



67.3163, 0.3520, 0.3388

Rectangle

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



67.3163, 0.3227, 0.3639



67.3163, 0.2899, 0.3424



67.3163, 0.3018, 0.2967



67.3163, 0.3355, 0.3159

Sweetspot

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



67.3192, 0.3227, 0.3639



98.4707, 0.3156, 0.3389



61.2029, 0.3357, 0.3445



21.0166, 0.3162, 0.3408



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.



67.3192, 0.3227, 0.3639



94.2185, 0.3245, 0.3705



65.3456, 0.3121, 0.3650



14.9471, 0.3196, 0.3526



32.3501, 0.3417, 0.5669



2.1469, 0.3537, 0.5574

Inverse Universe

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



54.1882, 0.3016, 0.2940



72.7714, 0.2994, 0.2874



56.3266, 0.3131, 0.2952



12.9128, 0.3053, 0.3053



4.7706, 0.1963, 0.0855



0.3600, 0.2144, 0.0955

Previews

White Background



This preview shows how the Yxy color 67.3163, 0.3227, 0.3639 looks on a white background.

Color Contrast Check

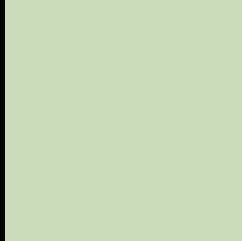
Large Text (above 18pt) WCAG AA × Fail

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 67.3163, 0.3227, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

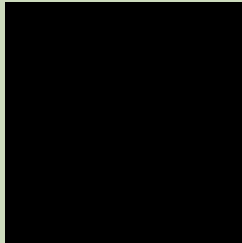
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

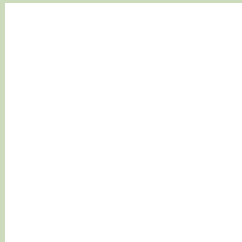
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3163, 0.3227, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 67.3163, 0.3227, 0.3639.

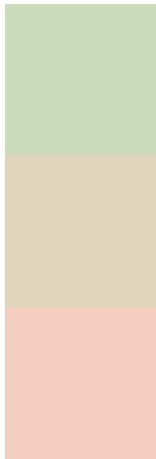


This preview shows how white text looks on a background with the Yxy color 67.3163, 0.3227, 0.3639.

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

67.3163, 0.3227, 0.3639

Protanopia

66.9810, 0.3401, 0.3593

Deuteranopia

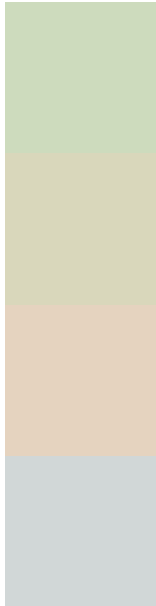
67.0031, 0.3520, 0.3441



Tritanopia

67.1506, 0.3000, 0.3102

Trichromacy



Original Color

67.3163, 0.3227, 0.3639

Protanomaly

66.9404, 0.3336, 0.3609

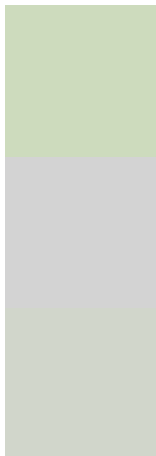
Deuteranomaly

67.0081, 0.3407, 0.3512

Tritanomaly

67.0625, 0.3084, 0.3290

Monochromacy



Original Color

67.3163, 0.3227, 0.3639

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.9602, 0.3165, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3163, 0.3227, 0.3639 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(205, 219, 189)` looks like.

```
.text, #text, p{  
    color:rgb(205, 219, 189)  
}
```

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(205, 219, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 219, 189) }
```

Border

The CSS property to change the border of an element to Yxy 67.3163, 0.3227, 0.3639 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(205, 219, 189) }
```

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

```
.border{ border-color:rgb(205, 219, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 219, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 219, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 219, 189);  
box-shadow:4px 4px 4px 4px rgb(205, 219,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3163, 0.3227, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 219, 189) }
```

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

```
.background{ background-color: rgb(205,  
219, 189) }
```

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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