

Converting Colors

Yxy(69.7597, 0.3250, 0.3680)

Have a look what the booklet for
Yxy(69.7597, 0.3250, 0.3680)
contains.

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Color

Yxy(69.8594, 0.3244, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	D0DFBD
RGB	208, 223, 189
RGB Percent	82%, 87%, 74%
CMY	0.1844, 0.1255, 0.2587
CMYK	0.07, 0.00, 0.15, 0.13
HSL	87°, 35%, 81%
HSV	87°, 15%, 87%
XYZ	61.5826, 69.8594, 58.3933
YIQ	214.6390, 1.9740, -13.7540

Conversions

Conversions Part 2

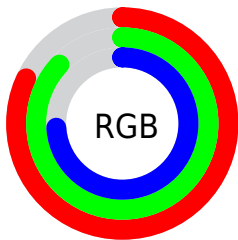
Format	Color
R _{YB}	189, 223, 204
Decimal	13688765
CIE _{Lab}	86.93, -11.00, 14.97
CIE _{LCh}	87, 18.576, 126.304
Y _{xy}	69.8594, 0.3244, 0.3680
Android (android.graphics.Color)	4291878845 (0xFFD0DFBD)
Y _{UV}	214.6390, -12.6400, -5.8224
Hunter-Lab	83.5819, -14.7508, 17.0852

Details

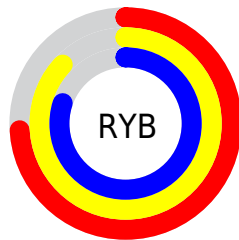
The Yxy color **69.8594, 0.3244, 0.3680** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.5769, 0.2996, 0.2897**, and the grayscale version is **67.7847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **36.5551, 0.3262, 0.3775** is the 20% darker color. If you saturate the color by 10%, you get **67.5819, 0.3319, 0.3959**, and if you desaturate by 10%, it is **72.3807, 0.3167, 0.3419**.

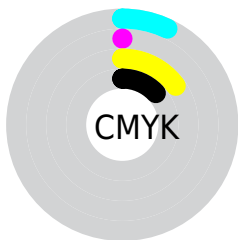
Distribution



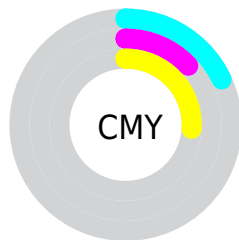
- Red (82%)
- Green (87%)
- Blue (74%)



- Red (74%)
- Yellow (87%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)




- Cyan (18%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.8594, 0.3244, 0.3680 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 69.8594, 0.3244, 0.3680 by changing the saturation by 10% instead.


 69.8594, 0.3244,
0.3680

 69.8594, 0.3244,
0.3680


460.0562, 0.3191,
0.3495

 51.4119, 0.3256,
0.3724


 119.0082, 0.3226,
0.3615

 36.5365, 0.3270,
0.3778


150.4784, 0.3219,
0.3590

 24.8489, 0.3287,
0.3848


187.0582, 0.3213,
0.3568

 15.9645, 0.3309,
0.3942

229.1321, 0.3208,
0.3549

 9.4990, 0.3337,
0.4072

277.0844, 0.3203,
0.3533

 5.0681, 0.3375,
0.4267

331.2996, 0.3199,

 2.2873, 0.3422,

0.3519

392.1621, 0.3195,
0.3506

0.4585

0.7670, 0.3752,
0.6248

0.0000, 0.0000,
0.0000

69.8594, 0.3244,
0.3680

69.8594, 0.3244,
0.3680

67.5819, 0.3319,
0.3959

72.3807, 0.3167,
0.3419

65.5309, 0.3388,
0.4249

75.1447, 0.3091,
0.3178

63.7003, 0.3448,
0.4542

78.1023, 0.3023,
0.2968

62.0805, 0.3494,
0.4826

79.8522, 0.3090,
0.2975

■ 60.6610, 0.3520,
0.5087

■ 81.2605, 0.3142,
0.2980

■ 59.4301, 0.3525,
0.5311

■ 58.3743, 0.3506,
0.5486

■ 57.4776, 0.3464,
0.5606

■ 57.0949, 0.3440,
0.5651

Harmonies

Analogous

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



69.8594, 0.3446, 0.3676



69.8594, 0.3244, 0.3680



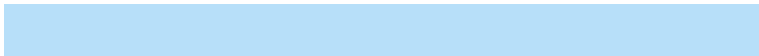
69.8594, 0.3016, 0.3568

Triad

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



69.8594, 0.3244, 0.3680



69.8594, 0.2708, 0.2997



69.8594, 0.3436, 0.3199

Complementary

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



69.8594, 0.3244, 0.3680



54.5769, 0.2996, 0.2897

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.



69.8594, 0.3228, 0.3034



69.8594, 0.3244, 0.3680



69.8594, 0.2810, 0.2916

Square

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



69.8594, 0.3244, 0.3680



69.8594, 0.2712, 0.3163



69.8594, 0.2999, 0.2932



69.8594, 0.3561, 0.3391

Rectangle

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



69.8594, 0.3244, 0.3680



69.8594, 0.2880, 0.3445



69.8594, 0.2999, 0.2932



69.8594, 0.3373, 0.3139

Sweetspot

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



69.8624, 0.3244, 0.3680



98.1521, 0.3166, 0.3414



62.4311, 0.3387, 0.3457



20.9545, 0.3171, 0.3432



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.



69.8624, 0.3244, 0.3680



93.7400, 0.3266, 0.3759



67.5691, 0.3124, 0.3694



15.7123, 0.3200, 0.3526



33.6357, 0.3450, 0.5642



2.3843, 0.3560, 0.5555

Inverse Universe

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



54.5769, 0.2996, 0.2897



69.5935, 0.2967, 0.2817



57.0643, 0.3127, 0.2912



13.5384, 0.3049, 0.3053



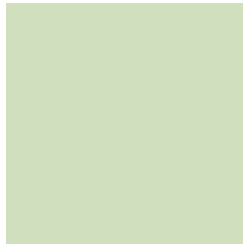
4.7441, 0.1919, 0.0831



0.3812, 0.2092, 0.0926

Previews

White Background



This preview shows how the Yxy color 69.8594, 0.3244, 0.3680 looks on a white background.

Color Contrast Check

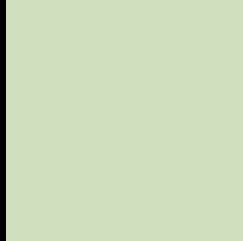
Large Text (above 18pt) WCAG AA × Fail

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 69.8594, 0.3244, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

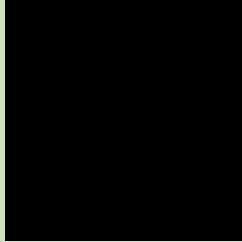
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

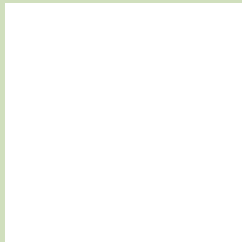
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8594, 0.3244, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 69.8594, 0.3244, 0.3680.



This preview shows how white text looks on a background with the Yxy color 69.8594, 0.3244, 0.3680.

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

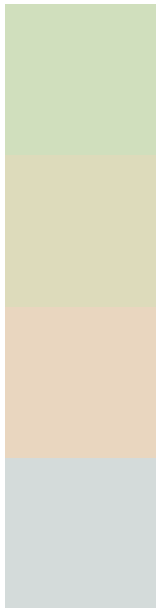




Tritanopia

70.0133, 0.3002, 0.3105

Trichromacy



Original Color

69.8594, 0.3244, 0.3680

Protanomaly

69.6230, 0.3360, 0.3649

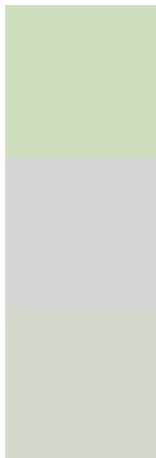
Deuteranomaly

69.1784, 0.3433, 0.3541

Tritanomaly

69.7220, 0.3084, 0.3301

Monochromacy



Original Color

69.8594, 0.3244, 0.3680

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.5961, 0.3164, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8594, 0.3244, 0.3680 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(208, 223, 189)` looks like.

```
.text, #text, p{  
    color:rgb(208, 223, 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(208, 223, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 223, 189) }
```

Border

The CSS property to change the border of an element to Yxy 69.8594, 0.3244, 0.3680 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(208, 223, 189) }
```

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

```
.border{ border-color:rgb(208, 223, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 223, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 223, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 223, 189);  
box-shadow:4px 4px 4px 4px rgb(208, 223,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8594, 0.3244, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 223, 189) }
```

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

```
.background{ background-color: rgb(208,  
223, 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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