

Converting Colors

Yxy(69.9491, 0.3261, 0.3757)

Have a look what the booklet for
Yxy(69.9491, 0.3261, 0.3757)
contains.

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Color

Yxy(69.8938, 0.3262, 0.3752)

Conversions

Conversions Part 1

Format	Color
Hex	CEE0B8
RGB	206, 224, 184
RGB Percent	81%, 88%, 72%
CMY	0.1920, 0.1216, 0.2785
CMYK	0.08, 0.00, 0.18, 0.12
HSL	87°, 39%, 80%
HSV	87°, 18%, 88%
XYZ	60.7659, 69.8938, 55.6244
YIQ	214.0580, 2.1120, -16.2560

Conversions

Conversions Part 2

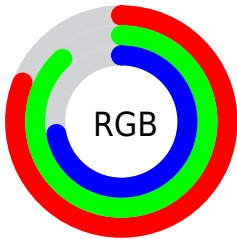
Format	Color
RYB	184, 224, 202
Decimal	13557944
CIELab	86.94, -12.99, 17.61
CIELCh	87, 21.883, 126.420
Yxy	69.8938, 0.3262, 0.3752
Android (android.graphics.Color)	4291748024 (0xFFCEE0B8)
YUV	214.0580, -14.8186, -7.0669
Hunter-Lab	83.6025, -16.5630, 19.0735

Details

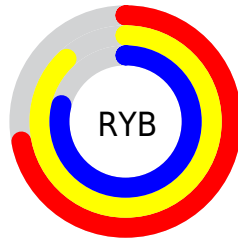
The Yxy color **69.8938, 0.3262, 0.3752** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.2042, 0.2972, 0.2824**, and the grayscale version is **67.3908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **36.6900, 0.3294, 0.3869** is the 20% darker color. If you saturate the color by 10%, you get **67.6368, 0.3335, 0.4035**, and if you desaturate by 10%, it is **72.3977, 0.3187, 0.3486**.

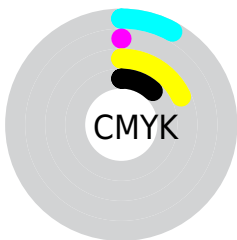
Distribution



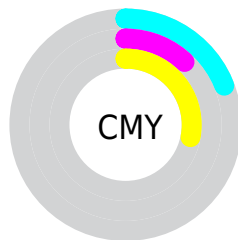
- Red (81%)
- Green (88%)
- Blue (72%)



- Red (72%)
- Yellow (88%)
- Blue (79%)



- Cyan (8%)
- Magenta (0%)
- Yellow (18%)
- Black (12%)




- Cyan (19%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.8938, 0.3262, 0.3752 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 69.8938, 0.3262, 0.3752 by changing the saturation by 10% instead.


 69.8938, 0.3262,
0.3752

 69.8938, 0.3262,
0.3752

460.1770, 0.3202,
0.3532

 51.4400, 0.3275,
0.3804

 119.0573, 0.3242,
0.3674

 36.5589, 0.3291,
0.3869


150.5357, 0.3234,
0.3644

 24.8661, 0.3310,
0.3953


187.1245, 0.3227,
0.3619

 15.9773, 0.3334,
0.4064

229.2080, 0.3220,
0.3597

 9.5081, 0.3364,
0.4220

277.1706, 0.3215,
0.3577

 5.0741, 0.3402,
0.4452


331.3967, 0.3210,

 2.2908, 0.3448,


0.3560


0.4838

392.2707, 0.3206,
0.3545

 0.7688, 0.3498,
0.6502


 0.0000, 0.0000,
0.0000


 69.8938, 0.3262,
0.3752


 69.8938, 0.3262,
0.3752


 67.6368, 0.3335,
0.4035


 72.3977, 0.3187,
0.3486


 65.6089, 0.3401,
0.4327

 75.1476, 0.3111,
0.3239

 63.8039, 0.3456,
0.4620

 78.1543, 0.3038,
0.3015

 62.2116, 0.3496,
0.4901

 80.1700, 0.3082,
0.2984

■ 60.8212, 0.3516,
0.5155

■ 81.7904, 0.3141,
0.2989

■ 59.6202, 0.3513,
0.5368

■ 58.5944, 0.3487,
0.5530

■ 57.7248, 0.3441,
0.5639

■ 57.5535, 0.3430,
0.5659

Harmonies

Analogous

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



69.8938, 0.3501, 0.3745



69.8938, 0.3262, 0.3752



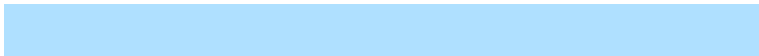
69.8938, 0.2994, 0.3619

Triad

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



69.8938, 0.3262, 0.3752



69.8938, 0.2636, 0.2944



69.8938, 0.3492, 0.3183

Complementary

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



69.8938, 0.3262, 0.3752



52.2042, 0.2972, 0.2824

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.



69.8938, 0.3246, 0.2991



69.8938, 0.3262, 0.3752



69.8938, 0.2756, 0.2852

Square

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



69.8938, 0.3262, 0.3752



69.8938, 0.2641, 0.3137



69.8938, 0.2976, 0.2871



69.8938, 0.3639, 0.3407

Rectangle

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



69.8938, 0.3262, 0.3752



69.8938, 0.2836, 0.3471



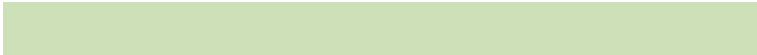
69.8938, 0.2976, 0.2871



69.8938, 0.3418, 0.3113

Sweetspot

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



69.8968, 0.3262, 0.3752



98.1363, 0.3165, 0.3414



61.2306, 0.3438, 0.3488



20.9506, 0.3171, 0.3432



0.0000, 0.0000, 0.0000



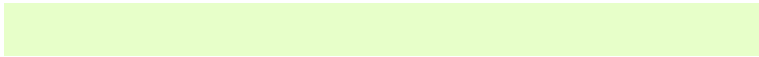
21.4041, 0.3127, 0.3290

Same Dimension

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



69.8968, 0.3262, 0.3752



92.7403, 0.3286, 0.3843



67.2909, 0.3123, 0.3772



15.7076, 0.3199, 0.3526



33.5701, 0.3440, 0.5650



2.3798, 0.3551, 0.5562

Inverse Universe

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



52.2042, 0.2972, 0.2824



65.2900, 0.2939, 0.2731



55.0792, 0.3126, 0.2846



13.5430, 0.3050, 0.3053



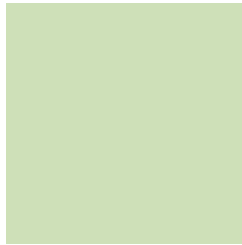
4.7945, 0.1931, 0.0838



0.3849, 0.2104, 0.0933

Previews

White Background



This preview shows how the Yxy color 69.8938, 0.3262, 0.3752 looks on a white background.

Color Contrast Check

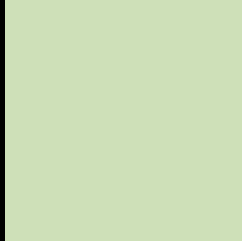
Large Text (above 18pt) WCAG AA × Fail

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 69.8938, 0.3262, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

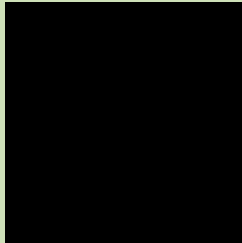
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

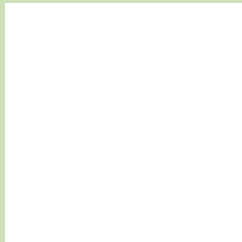
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8938, 0.3262, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 69.8938, 0.3262, 0.3752.

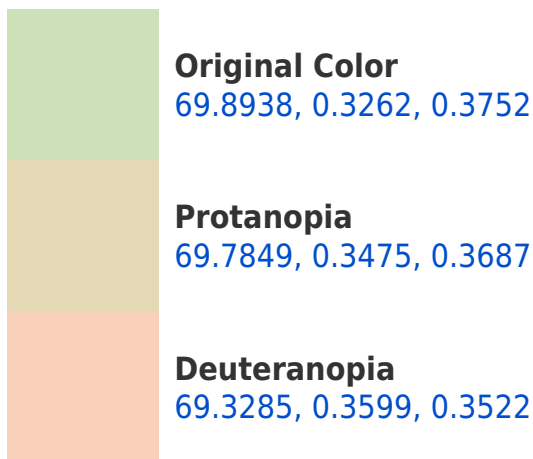


This preview shows how white text looks on a background with the Yxy color 69.8938, 0.3262, 0.3752.

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

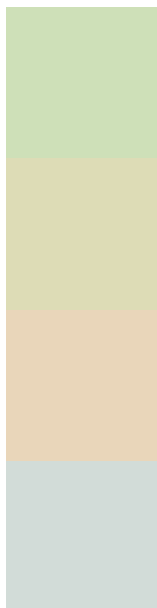




Tritanopia

69.7124, 0.2988, 0.3104

Trichromacy



Original Color

69.8938, 0.3262, 0.3752

Protanomaly

69.9360, 0.3393, 0.3716

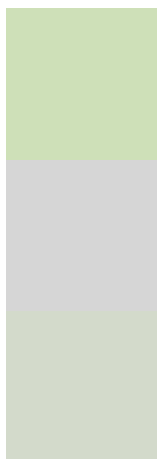
Deuteranomaly

68.9619, 0.3469, 0.3597

Tritanomaly

69.8459, 0.3083, 0.3335

Monochromacy



Original Color

69.8938, 0.3262, 0.3752

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.3035, 0.3177, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8938, 0.3262, 0.3752 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(206, 224, 184)` looks like.

```
.text, #text, p{  
    color:rgb(206, 224, 184)  
}
```

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(206, 224, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 224, 184) }
```

Border

The CSS property to change the border of an element to Yxy 69.8938, 0.3262, 0.3752 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(206, 224, 184) }
```

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

```
.border{ border-color:rgb(206, 224, 184) }
```

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

Here you see how a box with a 4 pixel rgb(206, 224, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 224, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 224, 184);  
box-shadow:4px 4px 4px 4px rgb(206, 224,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8938, 0.3262, 0.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 224, 184) }
```

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

```
.background{ background-color: rgb(206,  
224, 184) }
```

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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