

Converting Colors

$Yxy(70.2545, 0.3237, 0.3653)$

Have a look what the booklet for
Yxy(70.2545, 0.3237, 0.3653)
contains.

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Color

Yxy(70.0923, 0.3238, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	D1DFBF
RGB	209, 223, 191
RGB Percent	82%, 87%, 75%
CMY	0.1805, 0.1254, 0.2510
CMYK	0.06, 0.00, 0.14, 0.13
HSL	86°, 33%, 81%
HSV	86°, 14%, 87%
XYZ	62.0785, 70.0923, 59.5478
YIQ	215.1660, 1.9280, -12.9200

Conversions

Conversions Part 2

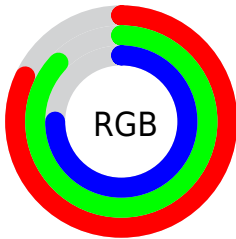
Format	Color
RYB	191, 223, 205
Decimal	13754303
CIELab	87.04, -10.33, 14.10
CIELCh	87, 17.483, 126.227
Yxy	70.0923, 0.3238, 0.3656
Android (android.graphics.Color)	4291944383 (0xFFD1DFBF)
YUV	215.1660, -11.9138, -5.4076
Hunter-Lab	83.7211, -14.1559, 16.4340

Details

The Yxy color **70.0923, 0.3238, 0.3656** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.5779, 0.3003, 0.2921**, and the grayscale version is **68.1528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **36.7103, 0.3254, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **67.8031, 0.3314, 0.3933**, and if you desaturate by 10%, it is **72.6249, 0.3161, 0.3397**.

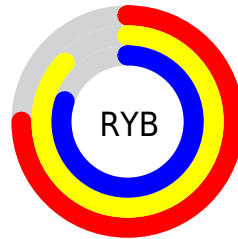
Distribution



Red (82%)

Green (87%)

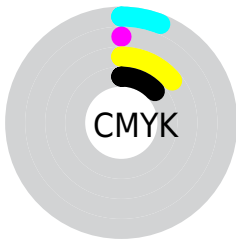
Blue (75%)



Red (75%)

Yellow (87%)

Blue (80%)

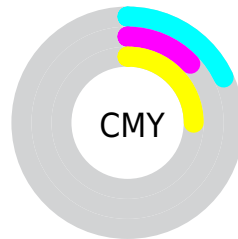


Cyan (6%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (18%)

Magenta (13%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0923, 0.3238, 0.3656 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 70.0923, 0.3238, 0.3656 by changing the saturation by 10% instead.

 70.0923, 0.3238,
0.3656

 70.0923, 0.3238,
0.3656

460.8740, 0.3188,
0.3482

 51.6018, 0.3249,
0.3697


 119.3404, 0.3221,
0.3595

 36.6878, 0.3263,
0.3748


150.8667, 0.3214,
0.3571

 24.9658, 0.3279,
0.3813


187.5071, 0.3208,
0.3551

 16.0516, 0.3300,
0.3901

229.6460, 0.3203,
0.3534

 9.5607, 0.3328,
0.4022

277.6677, 0.3199,
0.3518

 5.1087, 0.3364,
0.4204

331.9567, 0.3195,

 2.3112, 0.3412,

0.3505

0.4500

392.8974, 0.3191,
0.3493

0.7796, 0.3853,
0.6147

0.0000, 0.0000,
0.0000

70.0923, 0.3238,
0.3656

70.0923, 0.3238,
0.3656

67.8031, 0.3314,
0.3933

72.6249, 0.3161,
0.3397

65.7397, 0.3384,
0.4222

75.3995, 0.3084,
0.3158

63.8964, 0.3446,
0.4515

78.2379, 0.3028,
0.2969

62.2637, 0.3493,
0.4800

79.9817, 0.3095,
0.2975

■ 60.8311, 0.3522,
0.5063

■ 81.2636, 0.3142,
0.2980

■ 59.5870, 0.3529,
0.5290

■ 58.5183, 0.3513,
0.5469

■ 57.6094, 0.3473,
0.5594

■ 57.1533, 0.3445,
0.5647

Harmonies

Analogous

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



70.0923, 0.3427, 0.3652



70.0923, 0.3238, 0.3656



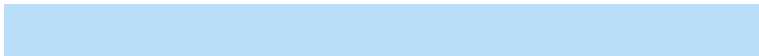
70.0923, 0.3024, 0.3551

Triad

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



70.0923, 0.3238, 0.3656



70.0923, 0.2732, 0.3015



70.0923, 0.3417, 0.3204

Complementary

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



70.0923, 0.3238, 0.3656



55.5779, 0.3003, 0.2921

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.



70.0923, 0.3222, 0.3048



70.0923, 0.3238, 0.3656



70.0923, 0.2829, 0.2938

Square

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



70.0923, 0.3238, 0.3656



70.0923, 0.2736, 0.3172



70.0923, 0.3006, 0.2952



70.0923, 0.3534, 0.3386

Rectangle

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



70.0923, 0.3238, 0.3656



70.0923, 0.2896, 0.3436



70.0923, 0.3006, 0.2952



70.0923, 0.3358, 0.3148

Sweetspot

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



70.0953, 0.3238, 0.3656



98.5211, 0.3158, 0.3389



63.0548, 0.3370, 0.3447



21.0293, 0.3164, 0.3407



0.0000, 0.0000, 0.0000



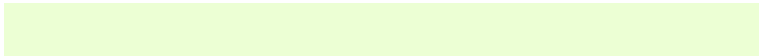
21.4041, 0.3127, 0.3290

Same Dimension

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



70.0953, 0.3238, 0.3656



94.0840, 0.3259, 0.3731



67.9007, 0.3124, 0.3669



15.7146, 0.3200, 0.3526



33.6681, 0.3455, 0.5639



2.3864, 0.3565, 0.5552

Inverse Universe

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



55.5779, 0.3003, 0.2921



71.0674, 0.2976, 0.2845



57.9446, 0.3127, 0.2935



13.5361, 0.3049, 0.3053



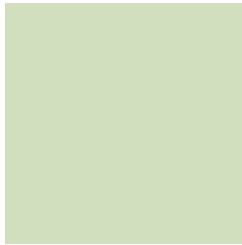
4.7199, 0.1914, 0.0828



0.3795, 0.2087, 0.0923

Previews

White Background



This preview shows how the Yxy color 70.0923, 0.3238, 0.3656 looks on a white background.

Color Contrast Check

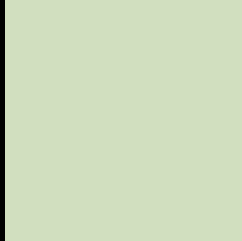
Large Text (above 18pt) WCAG AA × Fail

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 70.0923, 0.3238, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

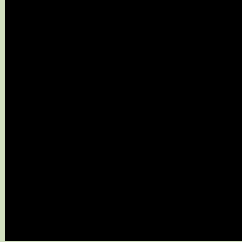
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

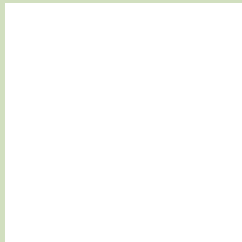
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0923, 0.3238, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 70.0923, 0.3238, 0.3656.

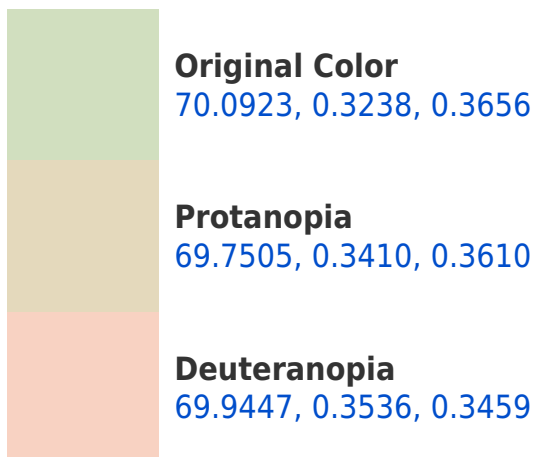


This preview shows how white text looks on a background with the Yxy color 70.0923, 0.3238, 0.3656.

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

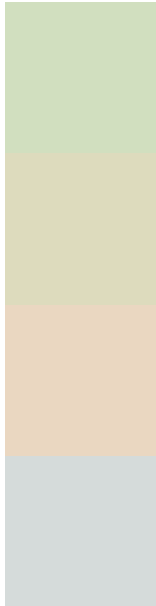




Tritanopia

70.0133, 0.3002, 0.3105

Trichromacy



Original Color

70.0923, 0.3238, 0.3656

Protanomaly

69.7093, 0.3346, 0.3626

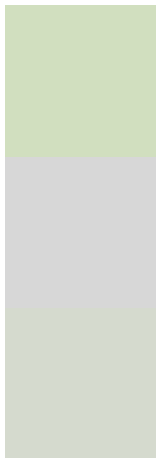
Deuteranomaly

69.9436, 0.3424, 0.3529

Tritanomaly

69.8711, 0.3091, 0.3301

Monochromacy



Original Color

70.0923, 0.3238, 0.3656

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.7452, 0.3171, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0923, 0.3238, 0.3656 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(209, 223, 191)` looks like.

```
.text, #text, p{  
    color:rgb(209, 223, 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(209, 223, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 223, 191) }
```

Border

The CSS property to change the border of an element to Yxy 70.0923, 0.3238, 0.3656 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(209, 223, 191) }
```

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

```
.border{ border-color:rgb(209, 223, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 223, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 223, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 223, 191);  
box-shadow:4px 4px 4px 4px rgb(209, 223,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0923, 0.3238, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 223, 191) }
```

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

```
.background{ background-color: rgb(209,  
223, 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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