

Converting Colors

$Yxy(70.0242, 0.3320, 0.3702)$

Have a look what the booklet for
Yxy(70.0242, 0.3320, 0.3702)
contains.

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Color

Yxy(70.1924, 0.3324, 0.3709)

Conversions

Conversions Part 1

Format	Color
Hex	D7DEB9
RGB	215, 222, 185
RGB Percent	84%, 87%, 73%
CMY	0.1568, 0.1294, 0.2744
CMYK	0.03, 0.00, 0.17, 0.13
HSL	71°, 36%, 80%
HSV	71°, 17%, 87%
XYZ	62.9063, 70.1924, 56.1501
YIQ	215.6890, 7.7050, -12.9910

Conversions

Conversions Part 2

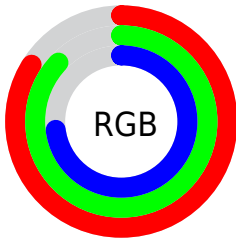
Format	Color
RYB	185, 222, 192
Decimal	14147257
CIELab	87.09, -8.62, 17.36
CIELCh	87, 19.384, 116.417
Yxy	70.1924, 0.3324, 0.3709
Android (android.graphics.Color)	4292337337 (0xFFD7DEB9)
YUV	215.6890, -15.1297, -0.6043
Hunter-Lab	83.7809, -12.5911, 18.9104

Details

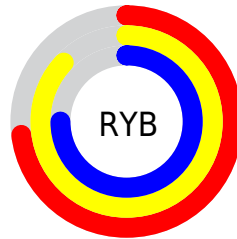
The Yxy color **70.1924, 0.3324, 0.3709** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.1970, 0.2909, 0.2849**, and the grayscale version is **68.5513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **36.7770, 0.3367, 0.3812** is the 20% darker color. If you saturate the color by 10%, you get **68.7017, 0.3442, 0.3973**, and if you desaturate by 10%, it is **71.8520, 0.3205, 0.3453**.

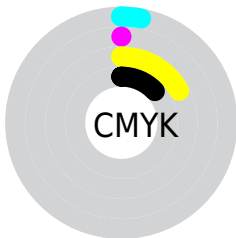
Distribution



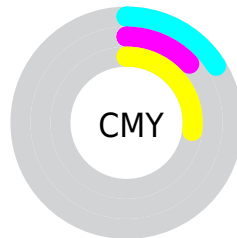
- Red (84%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)





- Cyan (16%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1924, 0.3324, 0.3709 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 70.1924, 0.3324, 0.3709 by changing the saturation by 10% instead.


 70.1924, 0.3324,
0.3709

 70.1924, 0.3324,
0.3709


461.2253, 0.3234,
0.3511

 51.6834, 0.3344,
0.3755


 119.4831, 0.3293,
0.3639

 36.7528, 0.3369,
0.3813


151.0336, 0.3281,
0.3612

 25.0161, 0.3400,
0.3887


187.7000, 0.3271,
0.3589

 16.0891, 0.3439,
0.3985

229.8668, 0.3261,
0.3570

 9.5872, 0.3491,
0.4121

277.9183, 0.3253,
0.3552

 5.1261, 0.3561,
0.4321

332.2390, 0.3246,

 2.3215, 0.3661,

0.3537

0.4645

393.2132, 0.3240,
0.3523

0.7850, 0.4056,
0.5944

0.0000, 0.0000,
0.0000

70.1924, 0.3324,
0.3709

70.1924, 0.3324,
0.3709

68.7017, 0.3442,
0.3973

71.8520, 0.3205,
0.3453

67.3637, 0.3556,
0.4238

73.6778, 0.3089,
0.3210

66.1742, 0.3659,
0.4494

75.6788, 0.2977,
0.2984

65.1250, 0.3747,
0.4730

76.5876, 0.2985,
0.2954

64.2072, 0.3814,
0.4936

77.2985, 0.3013,
0.2957

63.4107, 0.3856,
0.5102

78.0262, 0.3041,
0.2959

62.7236, 0.3872,
0.5223

78.7710, 0.3070,
0.2962

62.1310, 0.3864,
0.5299

79.5329, 0.3098,
0.2965

61.9450, 0.3858,
0.5318

80.3121, 0.3127,
0.2968

Harmonies

Analogous

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



70.1924, 0.3512, 0.3665



70.1924, 0.3324, 0.3709



70.1924, 0.3088, 0.3631

Triad

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



70.1924, 0.3324, 0.3709



70.1924, 0.2679, 0.3033



70.1924, 0.3384, 0.3133

Complementary

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



70.1924, 0.3324, 0.3709



51.1970, 0.2909, 0.2849

Split Complementary

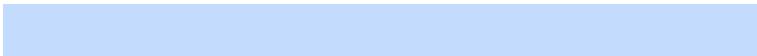
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.1924, 0.3152, 0.2980



70.1924, 0.3324, 0.3709



70.1924, 0.2751, 0.2918

Square

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



70.1924, 0.3324, 0.3709



70.1924, 0.2722, 0.3227



70.1924, 0.2921, 0.2901



70.1924, 0.3549, 0.3329

Rectangle

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



70.1924, 0.3324, 0.3709



70.1924, 0.2937, 0.3519



70.1924, 0.2921, 0.2901



70.1924, 0.3311, 0.3076

Sweetspot

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



70.1955, 0.3324, 0.3709



98.7510, 0.3186, 0.3413



56.6508, 0.3431, 0.3369



21.1002, 0.3194, 0.3431



0.0000, 0.0000, 0.0000



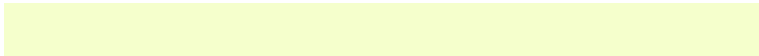
21.4041, 0.3127, 0.3290

Same Dimension

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



70.1955, 0.3324, 0.3709



95.3547, 0.3366, 0.3801



67.5830, 0.3190, 0.3727



15.8916, 0.3238, 0.3524



36.8395, 0.3864, 0.5314



2.5877, 0.3917, 0.5272

Inverse Universe

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



51.1970, 0.2909, 0.2849



64.6496, 0.2857, 0.2746



53.7315, 0.3052, 0.2867



13.3675, 0.3010, 0.3050



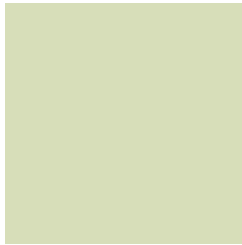
3.4609, 0.1592, 0.0651



0.2763, 0.1732, 0.0728

Previews

White Background



This preview shows how the Yxy color 70.1924, 0.3324, 0.3709 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 70.1924, 0.3324, 0.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

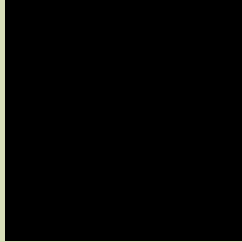
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

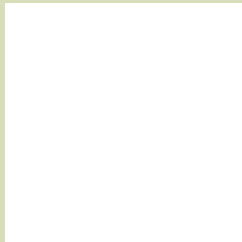
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1924, 0.3324, 0.3709

Background



This preview shows how black text looks on a background with the Yxy color 70.1924, 0.3324, 0.3709.



This preview shows how white text looks on a background with the Yxy color 70.1924, 0.3324, 0.3709.

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

70.1924, 0.3324, 0.3709

Protanopia

69.8676, 0.3461, 0.3664

Deuteranopia

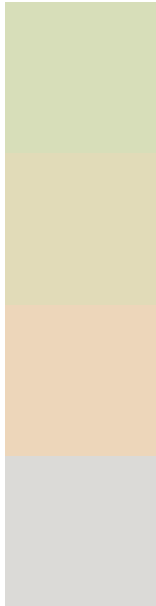
70.0050, 0.3604, 0.3532



Tritanopia

69.9567, 0.3064, 0.3107

Trichromacy



Original Color

70.1924, 0.3324, 0.3709

Protanomaly

70.1313, 0.3412, 0.3679

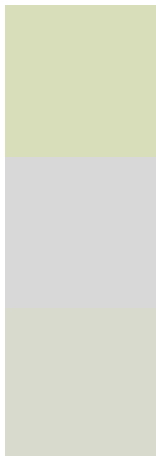
Deuteranomaly

69.6428, 0.3500, 0.3594

Tritanomaly

70.1092, 0.3154, 0.3323

Monochromacy



Original Color

70.1924, 0.3324, 0.3709

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.1495, 0.3200, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1924, 0.3324, 0.3709 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, 222, 185)` looks like.

```
.text, #text, p{  
    color:rgb(215, 222, 185)  
}
```

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, 222, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 222, 185) }
```

Border

The CSS property to change the border of an element to Yxy 70.1924, 0.3324, 0.3709 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, 222, 185) }
```

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

```
.border{ border-color:rgb(215, 222, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 222, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 222, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 222, 185);  
box-shadow:4px 4px 4px 4px rgb(215, 222,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1924, 0.3324, 0.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 222, 185) }
```

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

```
.background{ background-color: rgb(215,  
222, 185) }
```

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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