

Converting Colors

$Yxy(70.2358, 0.3288, 0.3737)$

Have a look what the booklet for
Yxy(70.2358, 0.3288, 0.3737)
contains.

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Color

Yxy(70.4736, 0.3291, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	D2E0B8
RGB	210, 224, 184
RGB Percent	82%, 88%, 72%
CMY	0.1765, 0.1215, 0.2785
CMYK	0.06, 0.00, 0.18, 0.12
HSL	81°, 39%, 80%
HSV	81°, 18%, 88%
XYZ	61.8806, 70.4736, 55.6756
YIQ	215.2540, 4.4960, -15.4080

Conversions

Conversions Part 2

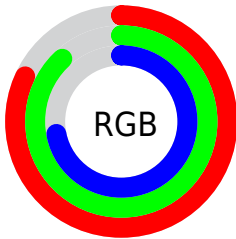
Format	Color
RYB	184, 224, 198
Decimal	13820088
CIELab	87.23, -11.60, 18.05
CIElCh	87, 21.455, 122.722
Yxy	70.4736, 0.3291, 0.3748
Android (android.graphics.Color)	4292010168 (0xFFD2E0B8)
YUV	215.2540, -15.4082, -4.6078
Hunter-Lab	83.9486, -15.3330, 19.4422

Details

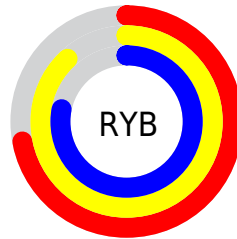
The Yxy color **70.4736, 0.3291, 0.3748** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.6605, 0.2941, 0.2820**, and the grayscale version is **68.2395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **36.9832, 0.3322, 0.3864** is the 20% darker color. If you saturate the color by 10%, you get **68.4868, 0.3381, 0.4024**, and if you desaturate by 10%, it is **72.6718, 0.3199, 0.3485**.

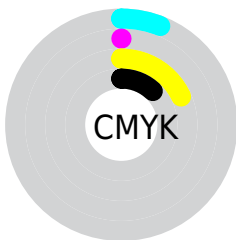
Distribution



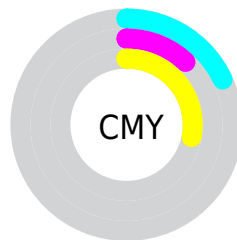
- Red (82%)
- Green (88%)
- Blue (72%)



- Red (72%)
- Yellow (88%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4736, 0.3291, 0.3748 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 70.4736, 0.3291, 0.3748 by changing the saturation by 10% instead.


 70.4736, 0.3291,
0.3748

 70.4736, 0.3291,
0.3748


462.2112, 0.3217,
0.3530

 51.9127, 0.3307,
0.3799


 119.8839, 0.3266,
0.3671

 36.9355, 0.3327,
0.3863


151.5021, 0.3256,
0.3642

 25.1576, 0.3351,
0.3945


188.2416, 0.3247,
0.3617

 16.1945, 0.3382,
0.4054

230.4866, 0.3240,
0.3595

 9.6619, 0.3421,
0.4205

278.6217, 0.3233,
0.3576

 5.1754, 0.3472,
0.4429


333.0313, 0.3227,

 2.3505, 0.3539,


0.3559


0.4797


394.0996, 0.3222,
0.3544


 0.8003, 0.3737,
0.6263


 0.0000, 0.0000,
0.0000


 70.4736, 0.3291,
0.3748


 70.4736, 0.3291,
0.3748

 68.4868, 0.3381,
0.4024

 72.6718, 0.3199,
0.3485

 66.6943, 0.3464,
0.4306


 75.0795, 0.3108,
0.3239


 65.0910, 0.3537,
0.4584


 77.7067, 0.3020,
0.3013

 63.6677, 0.3593,
0.4848

 79.3046, 0.3049,
0.2981

 62.4144, 0.3629,
0.5082


 80.7185, 0.3102,
0.2986

 61.3198, 0.3641,
0.5277

 81.7973, 0.3141,
0.2990

 60.3709, 0.3628,
0.5423

 59.5496, 0.3592,
0.5519

 59.3855, 0.3583,
0.5537

Harmonies

Analogous

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



70.4736, 0.3516, 0.3724



70.4736, 0.3291, 0.3748



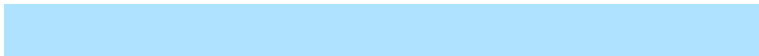
70.4736, 0.3029, 0.3634

Triad

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



70.4736, 0.3291, 0.3748



70.4736, 0.2640, 0.2970



70.4736, 0.3458, 0.3160

Complementary

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



70.4736, 0.3291, 0.3748



51.6605, 0.2941, 0.2820

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.



70.4736, 0.3211, 0.2978



70.4736, 0.3291, 0.3748



70.4736, 0.2743, 0.2867

Square

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



70.4736, 0.3291, 0.3748



70.4736, 0.2660, 0.3169



70.4736, 0.2949, 0.2872



70.4736, 0.3617, 0.3378

Rectangle

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



70.4736, 0.3291, 0.3748



70.4736, 0.2869, 0.3496



70.4736, 0.2949, 0.2872



70.4736, 0.3382, 0.3093

Sweetspot

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



70.4767, 0.3291, 0.3748



98.3685, 0.3173, 0.3413



59.6923, 0.3444, 0.3451



21.0071, 0.3180, 0.3431



0.0000, 0.0000, 0.0000



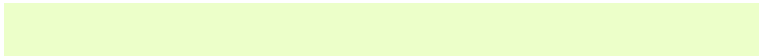
21.4041, 0.3127, 0.3290

Same Dimension

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



70.4767, 0.3291, 0.3748



93.6322, 0.3321, 0.3837



67.7220, 0.3147, 0.3769



15.7768, 0.3214, 0.3525



34.6292, 0.3592, 0.5530



2.4497, 0.3686, 0.5456

Inverse Universe

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



51.6605, 0.2941, 0.2820



64.4519, 0.2901, 0.2725



54.5607, 0.3099, 0.2842



13.4756, 0.3035, 0.3051



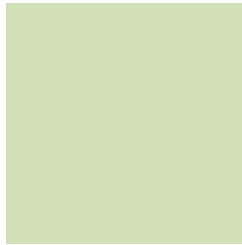
4.1452, 0.1772, 0.0750



0.3361, 0.1944, 0.0845

Previews

White Background



This preview shows how the Yxy color 70.4736, 0.3291, 0.3748 looks on a white background.

Color Contrast Check

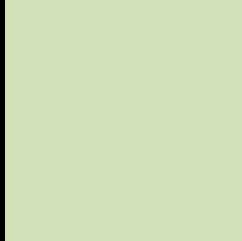
Large Text (above 18pt) WCAG AA × Fail

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 70.4736, 0.3291, 0.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

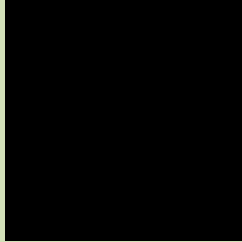
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

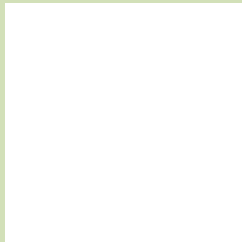
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4736, 0.3291, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 70.4736, 0.3291, 0.3748.

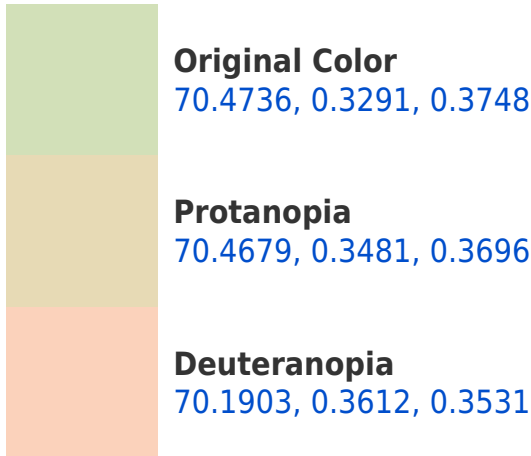


This preview shows how white text looks on a background with the Yxy color 70.4736, 0.3291, 0.3748.

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

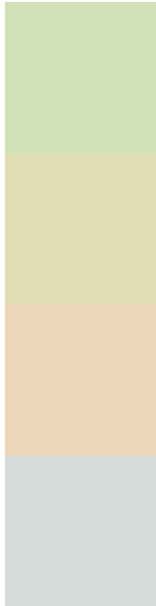




Tritanopia

70.3179, 0.3016, 0.3106

Trichromacy



Original Color

70.4736, 0.3291, 0.3748

Protanomaly

70.2518, 0.3409, 0.3714

Deuteranomaly

69.9789, 0.3490, 0.3605

Tritanomaly

70.4404, 0.3111, 0.3334

Monochromacy



Original Color

70.4736, 0.3291, 0.3748

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.6486, 0.3185, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4736, 0.3291, 0.3748 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(210, 224, 184)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 224, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 224, 184) }
```

Border

The CSS property to change the border of an element to Yxy 70.4736, 0.3291, 0.3748 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(210, 224, 184) }
```

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

```
.border{ border-color:rgb(210, 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(210, 224, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 224, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 224, 184);  
box-shadow:4px 4px 4px 4px rgb(210, 224,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4736, 0.3291, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 224, 184) }
```

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

```
.background{ background-color: rgb(210,  
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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