

Converting Colors

$Yxy(72.1108, 0.3305, 0.3777)$

Have a look what the booklet for
Yxy(72.1108, 0.3305, 0.3777)
contains.

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Color

Yxy(72.3959, 0.3301, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	D4E3B8
RGB	212, 227, 184
RGB Percent	83%, 89%, 72%
CMY	0.1687, 0.1098, 0.2783
CMYK	0.07, 0.00, 0.19, 0.11
HSL	81°, 43%, 81%
HSV	81°, 19%, 89%
XYZ	63.2721, 72.3959, 56.0076
YIQ	217.6130, 4.8630, -16.5530

Conversions

Conversions Part 2

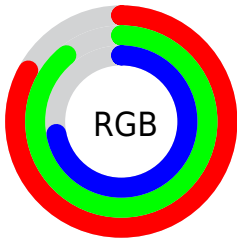
Format	Color
RYB	184, 227, 199
Decimal	13951928
CIELab	88.16, -12.38, 19.34
CIELCh	88, 22.961, 122.635
Yxy	72.3959, 0.3301, 0.3777
Android (android.graphics.Color)	4292142008 (0xFFD4E3B8)
YUV	217.6130, -16.5712, -4.9226
Hunter-Lab	85.0858, -16.1626, 20.5325

Details

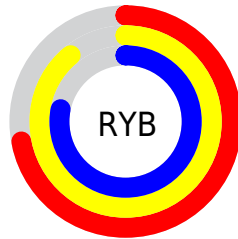
The Yxy color $72.3959, 0.3301, 0.3777$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $51.9948, 0.2928, 0.2789$, and the grayscale version is $69.9464, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.0713, 0.3214, 0.3434$, and $38.3118, 0.3335, 0.3901$ is the 20% darker color. If you saturate the color by 10%, you get $70.3713, 0.3390, 0.4054$, and if you desaturate by 10%, it is $74.6376, 0.3209, 0.3512$.

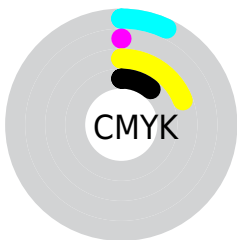
Distribution



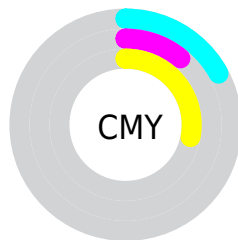
- Red (83%)
- Green (89%)
- Blue (72%)



- Red (72%)
- Yellow (89%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)





- Cyan (17%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3959, 0.3301, 0.3777 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 72.3959, 0.3301, 0.3777 by changing the saturation by 10% instead.


 72.3959, 0.3301,
0.3777

 72.3959, 0.3301,
0.3777


468.9184, 0.3223,
0.3546

 53.4821, 0.3318,
0.3831


 122.6192, 0.3275,
0.3696

 38.1878, 0.3338,
0.3898


154.6976, 0.3264,
0.3665

 26.1285, 0.3363,
0.3984


191.9329, 0.3255,
0.3638

 16.9198, 0.3395,
0.4098

234.7097, 0.3247,
0.3615

 10.1773, 0.3435,
0.4255

283.4122, 0.3240,
0.3595

 5.5167, 0.3485,
0.4487

338.4249, 0.3234,

 2.5535, 0.3548,

0.3577

0.4859

400.1322, 0.3228,
0.3561

0.9033, 0.3811,
0.6189

0.0000, 0.0000,
0.0000

72.3959, 0.3301,
0.3777

72.3959, 0.3301,
0.3777

70.3713, 0.3390,
0.4054

74.6376, 0.3209,
0.3512

68.5462, 0.3473,
0.4336

77.0944, 0.3117,
0.3264

66.9151, 0.3544,
0.4614

79.7768, 0.3029,
0.3036

65.4685, 0.3599,
0.4875

81.3467, 0.3064,
0.3012

■ 64.1959, 0.3632,
0.5106

■ 82.7951, 0.3117,
0.3017

■ 63.0855, 0.3642,
0.5295

■ 83.4218, 0.3140,
0.3019

■ 62.1236, 0.3626,
0.5435

■ 61.2893, 0.3588,
0.5528

■ 61.2045, 0.3584,
0.5536

Harmonies

Analogous

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



72.3959, 0.3540, 0.3750



72.3959, 0.3301, 0.3777



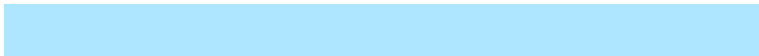
72.3959, 0.3023, 0.3657

Triad

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



72.3959, 0.3301, 0.3777



72.3959, 0.2612, 0.2951



72.3959, 0.3478, 0.3151

Complementary

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



72.3959, 0.3301, 0.3777



51.9948, 0.2928, 0.2789

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.



72.3959, 0.3215, 0.2960



72.3959, 0.3301, 0.3777



72.3959, 0.2720, 0.2842

Square

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



72.3959, 0.3301, 0.3777



72.3959, 0.2633, 0.3162



72.3959, 0.2937, 0.2848



72.3959, 0.3647, 0.3381

Rectangle

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



72.3959, 0.3301, 0.3777



72.3959, 0.2854, 0.3510



72.3959, 0.2937, 0.2848



72.3959, 0.3397, 0.3081

Sweetspot

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



72.3991, 0.3301, 0.3777



98.0530, 0.3182, 0.3439



60.3485, 0.3468, 0.3453



20.9434, 0.3188, 0.3455



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.



72.3991, 0.3301, 0.3777



93.0979, 0.3339, 0.3893



69.5067, 0.3152, 0.3800



16.5519, 0.3214, 0.3526



35.7597, 0.3593, 0.5529



2.6938, 0.3681, 0.5459

Inverse Universe

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



51.9948, 0.2928, 0.2789



61.5873, 0.2876, 0.2666



55.0358, 0.3092, 0.2813



14.1310, 0.3035, 0.3051



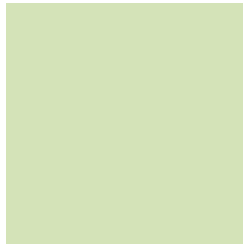
4.2717, 0.1770, 0.0749



0.3660, 0.1932, 0.0838

Previews

White Background



This preview shows how the Yxy color 72.3959, 0.3301, 0.3777 looks on a white background.

Color Contrast Check

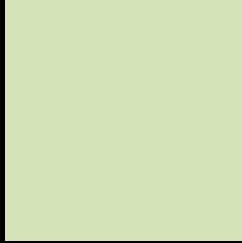
Large Text (above 18pt) WCAG AA × Fail

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 72.3959, 0.3301, 0.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

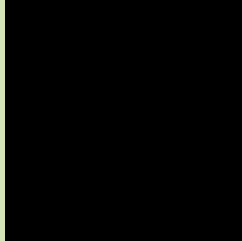
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

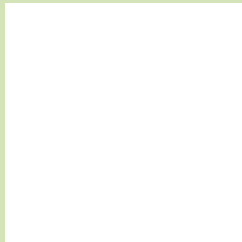
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3959, 0.3301, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 72.3959, 0.3301, 0.3777.



This preview shows how white text looks on a background with the Yxy color 72.3959, 0.3301, 0.3777.

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



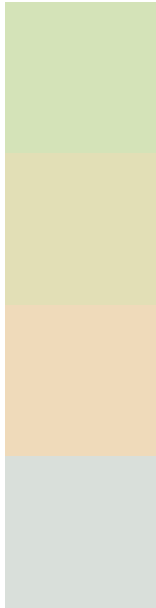
Original Color
72.3959, 0.3301, 0.3777
Protanopia
72.0150, 0.3500, 0.3714
Deuteranopia
72.2472, 0.3628, 0.3560



Tritanopia

72.5165, 0.3017, 0.3108

Trichromacy



Original Color

72.3959, 0.3301, 0.3777

Protanomaly

72.3215, 0.3425, 0.3743

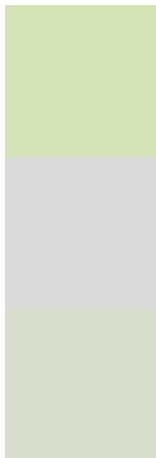
Deuteranomaly

72.0387, 0.3507, 0.3633

Tritanomaly

72.5890, 0.3118, 0.3345

Monochromacy



Original Color

72.3959, 0.3301, 0.3777

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.7681, 0.3191, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3959, 0.3301, 0.3777 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(212, 227, 184)` looks like.

```
.text, #text, p{  
    color:rgb(212, 227, 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(212, 227, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 227, 184) }
```

Border

The CSS property to change the border of an element to Yxy 72.3959, 0.3301, 0.3777 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(212, 227, 184) }
```

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

```
.border{ border-color:rgb(212, 227, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 227, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 227, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 227, 184); box-shadow:4px 4px 4px 4px rgb(212, 227, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3959, 0.3301, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 227, 184) }
```

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

```
.background{ background-color: rgb(212,  
227, 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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