

Converting Colors

$Yxy(69.2395, 0.3321, 0.3773)$

Have a look what the booklet for
Yxy(69.2395, 0.3321, 0.3773)
contains.

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Color

Yxy(69.2395, 0.3321, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	D2DEB4
RGB	210, 222, 180
RGB Percent	82%, 87%, 71%
CMY	0.1763, 0.1294, 0.2941
CMYK	0.05, 0.00, 0.19, 0.13
HSL	77°, 39%, 79%
HSV	77°, 19%, 87%
XYZ	60.9447, 69.2395, 53.3289
YIQ	213.6240, 6.3300, -15.6060

Conversions

Conversions Part 2

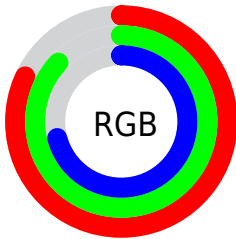
Format	Color
RYB	180, 222, 192
Decimal	13819572
CIELab	86.62, -11.18, 19.28
CIELCh	87, 22.291, 120.105
Yxy	69.2395, 0.3321, 0.3773
Android (android.graphics.Color)	4292009652 (0xFFD2DEB4)
YUV	213.6240, -16.5766, -3.1782
Hunter-Lab	83.2103, -14.8814, 20.2486

Details

The Yxy color **69.2395, 0.3321, 0.3773** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1150, 0.2907, 0.2787**, and the grayscale version is **67.0944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **36.1383, 0.3362, 0.3898** is the 20% darker color. If you saturate the color by 10%, you get **67.4991, 0.3422, 0.4045**, and if you desaturate by 10%, it is **71.1675, 0.3218, 0.3511**.

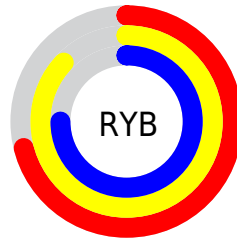
Distribution



Red (82%)

Green (87%)

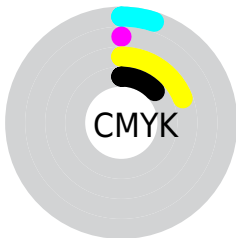
Blue (71%)



Red (71%)

Yellow (87%)

Blue (75%)

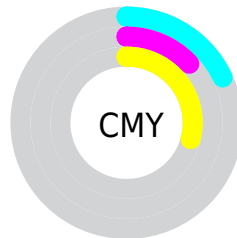


Cyan (5%)

Magenta (0%)

Yellow (19%)

Black (13%)



Cyan (18%)


Magenta (13%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2395, 0.3321, 0.3773 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 69.2395, 0.3321, 0.3773 by changing the saturation by 10% instead.

 69.2395, 0.3321,
0.3773

 69.2395, 0.3321,
0.3773


457.8752, 0.3233,
0.3543

 50.9068, 0.3340,
0.3827

 118.1236, 0.3291,
0.3692

 36.1344, 0.3364,
0.3895


149.4437, 0.3279,
0.3661

 24.5380, 0.3393,
0.3982

185.8618, 0.3269,
0.3634

 15.7332, 0.3430,
0.4097

227.7623, 0.3260,
0.3611

 9.3356, 0.3478,
0.4258

275.5294, 0.3252,
0.3591

 4.9607, 0.3540,
0.4496


329.5477, 0.3245,

 2.2242, 0.3641,


0.3573


0.4912

390.2015, 0.3239,
0.3557


 0.7332, 0.3664,
0.6336


 0.0000, 0.0000,
0.0000


 69.2395, 0.3321,
0.3773


 69.2395, 0.3321,
0.3773


 67.4991, 0.3422,
0.4045


 71.1675, 0.3218,
0.3511


 65.9300, 0.3516,
0.4319

 73.2809, 0.3116,
0.3264

 64.5273, 0.3599,
0.4587

 75.5891, 0.3018,
0.3035

 63.2824, 0.3665,
0.4835

 77.1777, 0.3008,
0.2956

■ 62.1858, 0.3710,
0.5053

■ 78.2749, 0.3051,
0.2960

■ 61.2268, 0.3730,
0.5230

■ 79.4108, 0.3094,
0.2965

■ 60.3927, 0.3724,
0.5358

■ 80.5857, 0.3137,
0.2969

■ 59.6641, 0.3696,
0.5442

■ 80.7206, 0.3142,
0.2970

■ 59.5889, 0.3693,
0.5450

Harmonies

Analogous

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



69.2395, 0.3549, 0.3735



69.2395, 0.3321, 0.3773



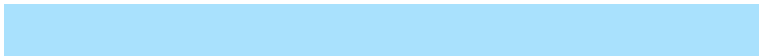
69.2395, 0.3048, 0.3666

Triad

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



69.2395, 0.3321, 0.3773



69.2395, 0.2616, 0.2970



69.2395, 0.3453, 0.3135

Complementary

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



69.2395, 0.3321, 0.3773



49.1150, 0.2907, 0.2787

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.



69.2395, 0.3190, 0.2952



69.2395, 0.3321, 0.3773



69.2395, 0.2712, 0.2853

Square

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



69.2395, 0.3321, 0.3773



69.2395, 0.2648, 0.3185



69.2395, 0.2919, 0.2849



69.2395, 0.3631, 0.3361

Rectangle

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



69.2395, 0.3321, 0.3773



69.2395, 0.2877, 0.3527



69.2395, 0.2919, 0.2849



69.2395, 0.3371, 0.3067

Sweetspot

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



69.2425, 0.3321, 0.3773



98.2365, 0.3189, 0.3438



56.4775, 0.3472, 0.3428



20.9868, 0.3195, 0.3455



0.0000, 0.0000, 0.0000



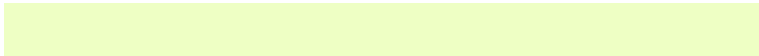
21.4041, 0.3127, 0.3290

Same Dimension

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



69.2425, 0.3321, 0.3773



93.7503, 0.3364, 0.3888



66.3667, 0.3167, 0.3797



15.8232, 0.3224, 0.3525



35.4549, 0.3700, 0.5444



2.5022, 0.3779, 0.5382

Inverse Universe

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



49.1150, 0.2907, 0.2787



61.0118, 0.2849, 0.2661



52.0449, 0.3075, 0.2812



13.4313, 0.3025, 0.3051



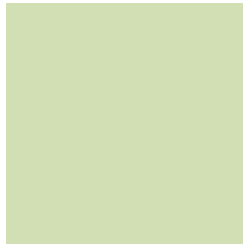
3.8134, 0.1686, 0.0703



0.3089, 0.1850, 0.0793

Previews

White Background



This preview shows how the Yxy color 69.2395, 0.3321, 0.3773 looks on a white background.

Color Contrast Check

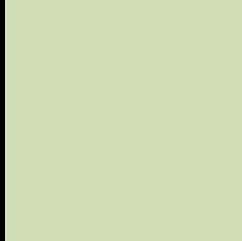
Large Text (above 18pt) WCAG AA × Fail

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 69.2395, 0.3321, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

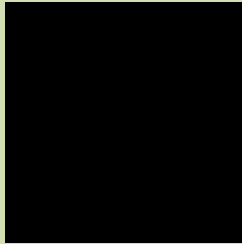
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

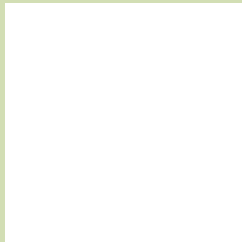
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2395, 0.3321, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 69.2395, 0.3321, 0.3773.



This preview shows how white text looks on a background with the Yxy color 69.2395, 0.3321, 0.3773.

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

69.2395, 0.3321, 0.3773

Protanopia

68.9441, 0.3499, 0.3722

Deuteranopia

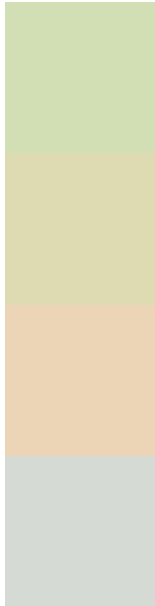
68.6704, 0.3632, 0.3554



Tritanopia

69.1788, 0.3029, 0.3105

Trichromacy



Original Color

69.2395, 0.3321, 0.3773

Protanomaly

68.8868, 0.3433, 0.3740

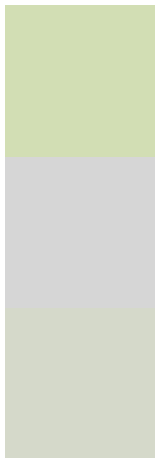
Deuteranomaly

68.6281, 0.3516, 0.3629

Tritanomaly

69.2430, 0.3132, 0.3346

Monochromacy



Original Color

69.2395, 0.3321, 0.3773

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.0361, 0.3199, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2395, 0.3321, 0.3773 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, 222, 180)` looks like.

```
.text, #text, p{  
    color:rgb(210, 222, 180)  
}
```

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, 222, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 222, 180) }
```

Border

The CSS property to change the border of an element to Yxy 69.2395, 0.3321, 0.3773 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, 222, 180) }
```

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

```
.border{ border-color:rgb(210, 222, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 222, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 222, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 222, 180);  
box-shadow:4px 4px 4px 4px rgb(210, 222,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2395, 0.3321, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 222, 180) }
```

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

```
.background{ background-color: rgb(210,  
222, 180) }
```

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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