

Converting Colors

$Yxy(71.3844, 0.3277, 0.3685)$

Have a look what the booklet for
Yxy(71.3844, 0.3277, 0.3685)
contains.

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Color

Yxy(71.1316, 0.3280, 0.3686)

Conversions

Conversions Part 1

Format	Color
Hex	D5E0BD
RGB	213, 224, 189
RGB Percent	84%, 88%, 74%
CMY	0.1645, 0.1216, 0.2587
CMYK	0.05, 0.00, 0.16, 0.12
HSL	79°, 36%, 81%
HSV	79°, 16%, 88%
XYZ	63.2967, 71.1316, 58.5495
YIQ	216.7210, 4.6790, -13.2170

Conversions

Conversions Part 2

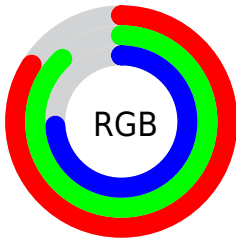
Format	Color
RYB	189, 224, 200
Decimal	14016701
CIELab	87.55, -9.70, 15.90
CIELCh	88, 18.621, 121.385
Yxy	71.1316, 0.3280, 0.3686
Android (android.graphics.Color)	4292206781 (0xFFD5E0BD)
YUV	216.7210, -13.6665, -3.2633
Hunter-Lab	84.3396, -13.6302, 17.8779

Details

The Yxy color **71.1316, 0.3280, 0.3686** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.0578, 0.2957, 0.2882**, and the grayscale version is **69.2887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **37.4226, 0.3308, 0.3782** is the 20% darker color. If you saturate the color by 10%, you get **69.2113, 0.3377, 0.3957**, and if you desaturate by 10%, it is **73.2535, 0.3182, 0.3428**.

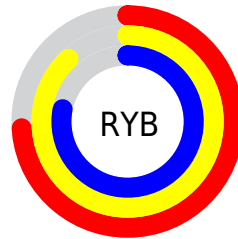
Distribution



Red (84%)

Green (88%)

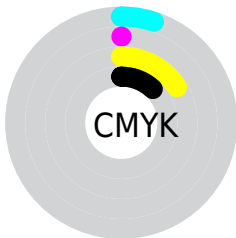
Blue (74%)



Red (74%)

Yellow (88%)

Blue (78%)

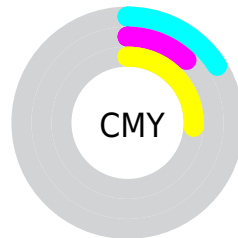


Cyan (5%)

Magenta (0%)

Yellow (16%)

Black (12%)



Cyan (16%)


Magenta (12%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1316, 0.3280, 0.3686 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 71.1316, 0.3280, 0.3686 by changing the saturation by 10% instead.


 71.1316, 0.3280,
0.3686

 71.1316, 0.3280,
0.3686


464.5133, 0.3211,
0.3499

 52.4496, 0.3295,
0.3730


 120.8211, 0.3256,
0.3620

 37.3636, 0.3314,
0.3784


152.5974, 0.3247,
0.3595

 25.4891, 0.3337,
0.3854


189.5072, 0.3239,
0.3573

 16.4418, 0.3367,
0.3947


231.9350, 0.3232,
0.3554

 9.8373, 0.3406,
0.4076

280.2651, 0.3226,
0.3538

 5.2912, 0.3458,
0.4266

334.8819, 0.3220,

 2.4191, 0.3529,

0.3523

396.1699, 0.3215,
0.3510

0.4572

0.8357, 0.4002,
0.5998

0.0000, 0.0000,
0.0000

71.1316, 0.3280,
0.3686

71.1316, 0.3280,
0.3686

69.2113, 0.3377,
0.3957

73.2535, 0.3182,
0.3428

67.4759, 0.3469,
0.4235


75.5746, 0.3085,
0.3186

65.9205, 0.3551,
0.4510


78.0260, 0.3000,
0.2976

64.5363, 0.3619,
0.4771


79.2344, 0.3047,
0.2980


 63.3140, 0.3666,
0.5006


 80.4900, 0.3094,
0.2985

 62.2429, 0.3690,
0.5202

 81.7841, 0.3141,
0.2989

 61.3105, 0.3688,
0.5353

 60.5018, 0.3662,
0.5453

 60.1749, 0.3646,
0.5487

Harmonies

Analogous

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



71.1316, 0.3471, 0.3663



71.1316, 0.3280, 0.3686



71.1316, 0.3053, 0.3593

Triad

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



71.1316, 0.3280, 0.3686



71.1316, 0.2702, 0.3020



71.1316, 0.3405, 0.3170

Complementary

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



71.1316, 0.3280, 0.3686



54.0578, 0.2957, 0.2882

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.



71.1316, 0.3190, 0.3013



71.1316, 0.3280, 0.3686



71.1316, 0.2788, 0.2924

Square

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



71.1316, 0.3280, 0.3686



71.1316, 0.2725, 0.3196



71.1316, 0.2964, 0.2924



71.1316, 0.3547, 0.3360

Rectangle

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



71.1316, 0.3280, 0.3686



71.1316, 0.2912, 0.3477



71.1316, 0.2964, 0.2924



71.1316, 0.3339, 0.3112

Sweetspot

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



71.1347, 0.3280, 0.3686



98.4582, 0.3176, 0.3413



60.6029, 0.3402, 0.3410



21.0289, 0.3183, 0.3431



0.0000, 0.0000, 0.0000



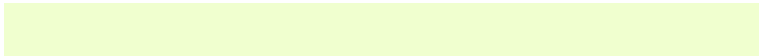
21.4041, 0.3127, 0.3290

Same Dimension

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



71.1347, 0.3280, 0.3686



94.5044, 0.3315, 0.3781



68.7169, 0.3157, 0.3701



15.8036, 0.3219, 0.3525



35.0945, 0.3654, 0.5481



2.4794, 0.3739, 0.5413

Inverse Universe

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



54.0578, 0.2957, 0.2882



67.1081, 0.2913, 0.2782



56.5366, 0.3090, 0.2899



13.4500, 0.3029, 0.3051



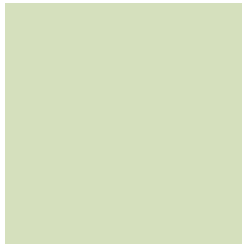
3.9440, 0.1721, 0.0722



0.3198, 0.1888, 0.0814

Previews

White Background



This preview shows how the Yxy color 71.1316, 0.3280, 0.3686 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 71.1316, 0.3280, 0.3686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

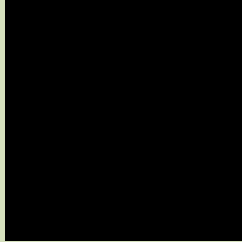
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

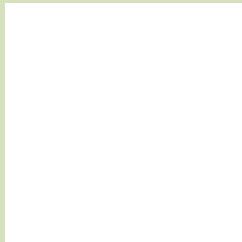
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1316, 0.3280, 0.3686

Background



This preview shows how black text looks on a background with the Yxy color 71.1316, 0.3280, 0.3686.



This preview shows how white text looks on a background with the Yxy color 71.1316, 0.3280, 0.3686.

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

71.1316, 0.3280, 0.3686

Protanopia

71.1971, 0.3443, 0.3651

Deuteranopia

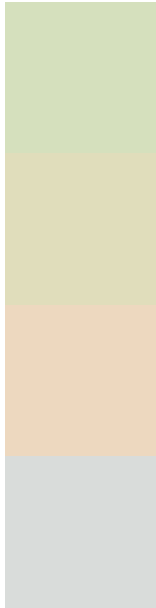
70.7183, 0.3564, 0.3489



Tritanopia

71.3566, 0.3030, 0.3107

Trichromacy



Original Color

71.1316, 0.3280, 0.3686

Protanomaly

71.1481, 0.3380, 0.3667

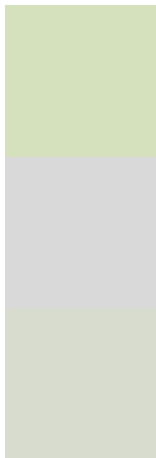
Deuteranomaly

70.8778, 0.3460, 0.3560

Tritanomaly

71.0001, 0.3119, 0.3312

Monochromacy



Original Color

71.1316, 0.3280, 0.3686

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.2903, 0.3185, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1316, 0.3280, 0.3686 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(213, 224, 189)` looks like.

```
.text, #text, p{  
    color:rgb(213, 224, 189)  
}
```

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(213, 224, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 224, 189) }
```

Border

The CSS property to change the border of an element to Yxy 71.1316, 0.3280, 0.3686 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(213, 224, 189) }
```

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

```
.border{ border-color:rgb(213, 224, 189) }
```

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

Here you see how a box with a 4 pixel rgb(213, 224, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 224, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 224, 189);  
box-shadow:4px 4px 4px 4px rgb(213, 224,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1316, 0.3280, 0.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 224, 189) }
```

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

```
.background{ background-color: rgb(213,  
224, 189) }
```

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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