

Converting Colors

$Yxy(71.9499, 0.3279, 0.3696)$

Have a look what the booklet for
Yxy(71.9499, 0.3279, 0.3696)
contains.

Yxy(71.8207, 0.3286, 0.3696)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.8207, 0.3286, 0.3696)

Conversions

Conversions Part 1

Format	Color
Hex	D6E1BD
RGB	214, 225, 189
RGB Percent	84%, 88%, 74%
CMY	0.1606, 0.1177, 0.2588
CMYK	0.05, 0.00, 0.16, 0.12
HSL	78°, 37%, 81%
HSV	78°, 16%, 88%
XYZ	63.8536, 71.8207, 58.6458
YIQ	217.6070, 5.0000, -13.5280

Conversions

Conversions Part 2

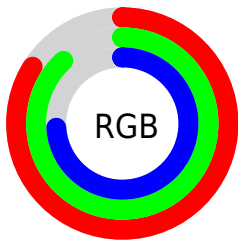
Format	Color
RYB	189, 225, 200
Decimal	14082493
CIELab	87.88, -9.86, 16.38
CIELCh	88, 19.119, 121.037
Yxy	71.8207, 0.3286, 0.3696
Android (android.graphics.Color)	4292272573 (0xFFD6E1BD)
YUV	217.6070, -14.1033, -3.1633
Hunter-Lab	84.7471, -13.8147, 18.2937

Details

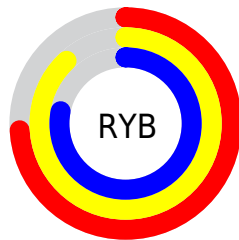
The Yxy color **71.8207, 0.3286, 0.3696** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.1074, 0.2950, 0.2871**, and the grayscale version is **69.9297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **37.8980, 0.3316, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **69.9131, 0.3384, 0.3967**, and if you desaturate by 10%, it is **73.9294, 0.3186, 0.3437**.

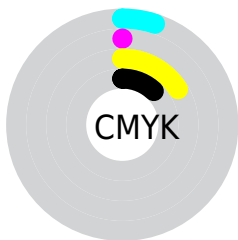
Distribution



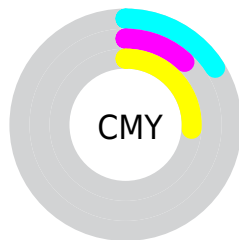
- Red (84%)
- Green (88%)
- Blue (74%)



- 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 71.8207, 0.3286, 0.3696 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 71.8207, 0.3286, 0.3696 by changing the saturation by 10% instead.


 71.8207, 0.3286,
0.3696

 71.8207, 0.3286,
0.3696

466.9173, 0.3214,
0.3504

 53.0122, 0.3302,
0.3741


 121.8016, 0.3261,
0.3629

 37.8125, 0.3321,
0.3797


153.7428, 0.3252,
0.3603

 25.8372, 0.3345,
0.3868


190.8303, 0.3243,
0.3580

 16.7019, 0.3376,
0.3962

233.4486, 0.3236,
0.3561

 10.0222, 0.3416,
0.4093

281.9821, 0.3230,
0.3544

 5.4137, 0.3469,
0.4286

336.8151, 0.3224,

 2.4920, 0.3541,

0.3529

0.4595

398.3320, 0.3219,
0.3516

0.8726, 0.4029,
0.5971

0.0000, 0.0000,
0.0000

71.8207, 0.3286,
0.3696

71.8207, 0.3286,
0.3696

69.9131, 0.3384,
0.3967

73.9294, 0.3186,
0.3437

68.1897, 0.3478,
0.4244


76.2367, 0.3088,
0.3195

66.6456, 0.3561,
0.4517


78.6551, 0.3003,
0.2986


65.2721, 0.3629,
0.4776


79.8392, 0.3049,
0.2991

 64.0594, 0.3677,
0.5008


 81.0686, 0.3095,
0.2995

 62.9969, 0.3701,
0.5202

 82.3255, 0.3141,
0.2999

 62.0721, 0.3700,
0.5348

 61.2694, 0.3674,
0.5446

 60.9717, 0.3660,
0.5476

Harmonies

Analogous

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



71.8207, 0.3481, 0.3671



71.8207, 0.3286, 0.3696



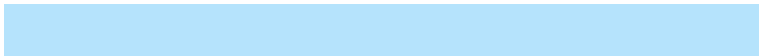
71.8207, 0.3054, 0.3602

Triad

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



71.8207, 0.3286, 0.3696



71.8207, 0.2692, 0.3016



71.8207, 0.3410, 0.3165

Complementary

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



71.8207, 0.3286, 0.3696



54.1074, 0.2950, 0.2871

Split Complementary

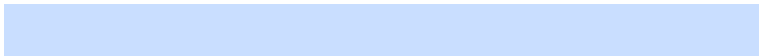
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8207, 0.3189, 0.3005



71.8207, 0.3286, 0.3696



71.8207, 0.2779, 0.2917

Square

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



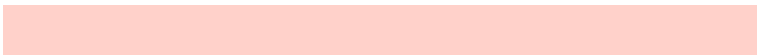
71.8207, 0.3286, 0.3696



71.8207, 0.2717, 0.3196



71.8207, 0.2958, 0.2915



71.8207, 0.3556, 0.3359

Rectangle

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



71.8207, 0.3286, 0.3696



71.8207, 0.2910, 0.3484



71.8207, 0.2958, 0.2915



71.8207, 0.3341, 0.3106

Sweetspot

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



71.8238, 0.3286, 0.3696



98.4780, 0.3177, 0.3413



60.8984, 0.3410, 0.3413



21.0337, 0.3184, 0.3431



0.0000, 0.0000, 0.0000



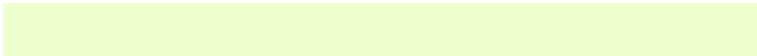
21.4041, 0.3127, 0.3290

Same Dimension

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



71.8238, 0.3286, 0.3696



94.5754, 0.3317, 0.3780



69.2834, 0.3157, 0.3712



15.8095, 0.3221, 0.3525



35.2018, 0.3668, 0.5470



2.4862, 0.3751, 0.5404

Inverse Universe

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



54.1074, 0.2950, 0.2871



67.0442, 0.2910, 0.2781



56.7088, 0.3089, 0.2888



13.4443, 0.3028, 0.3051



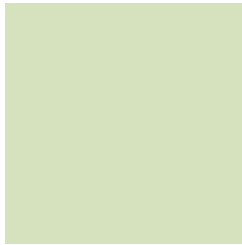
3.9030, 0.1710, 0.0716



0.3164, 0.1876, 0.0807

Previews

White Background



This preview shows how the Yxy color 71.8207, 0.3286, 0.3696 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 71.8207, 0.3286, 0.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

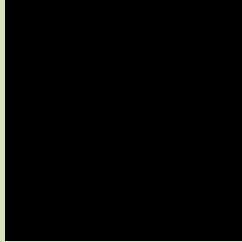
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

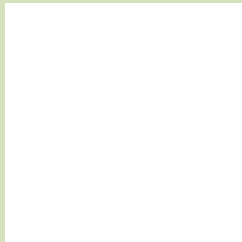
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8207, 0.3286, 0.3696

Background



This preview shows how black text looks on a background with the Yxy color 71.8207, 0.3286, 0.3696.



This preview shows how white text looks on a background with the Yxy color 71.8207, 0.3286, 0.3696.

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

71.8207, 0.3286, 0.3696

Protanopia

71.8874, 0.3449, 0.3661

Deuteranopia

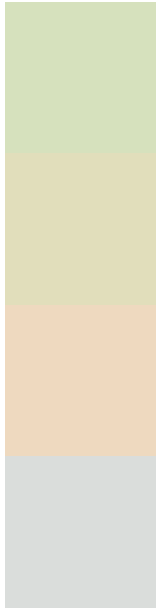
71.5882, 0.3578, 0.3499



Tritanopia

71.5711, 0.3031, 0.3097

Trichromacy



Original Color

71.8207, 0.3286, 0.3696

Protanomaly

71.8380, 0.3385, 0.3677

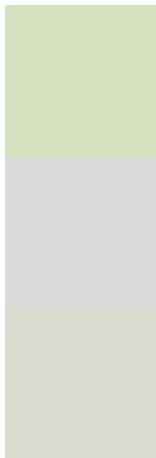
Deuteranomaly

71.5644, 0.3465, 0.3570

Tritanomaly

71.7328, 0.3119, 0.3312

Monochromacy



Original Color

71.8207, 0.3286, 0.3696

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.9696, 0.3191, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8207, 0.3286, 0.3696 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(214, 225, 189)` looks like.

```
.text, #text, p{  
    color:rgb(214, 225, 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(214, 225, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 225, 189) }
```

Border

The CSS property to change the border of an element to Yxy 71.8207, 0.3286, 0.3696 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(214, 225, 189) }
```

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

```
.border{ border-color:rgb(214, 225, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 225, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 225, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 225, 189);  
box-shadow:4px 4px 4px 4px rgb(214, 225,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8207, 0.3286, 0.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 225, 189) }
```

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

```
.background{ background-color: rgb(214,  
225, 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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