

Converting Colors

$Yxy(71.2289, 0.3341, 0.3862)$

Have a look what the booklet for
Yxy(71.2289, 0.3341, 0.3862)
contains.

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Color

Yxy(71.2289, 0.3341, 0.3862)

Conversions

Conversions Part 1

Format	Color
Hex	D2E2B0
RGB	210, 226, 176
RGB Percent	82%, 89%, 69%
CMY	0.1763, 0.1137, 0.3097
CMYK	0.07, 0.00, 0.22, 0.11
HSL	79°, 46%, 79%
HSV	79°, 22%, 89%
XYZ	61.6198, 71.2289, 51.5865
YIQ	215.5160, 6.5140, -18.9420

Conversions

Conversions Part 2

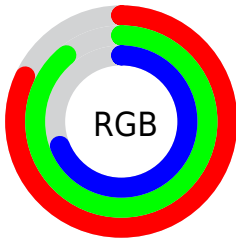
Format	Color
RYB	176, 226, 192
Decimal	13820592
CIELab	87.60, -13.79, 22.70
CIElCh	88, 26.560, 121.282
Yxy	71.2289, 0.3341, 0.3862
Android (android.graphics.Color)	4292010672 (0xFFD2E2B0)
YUV	215.5160, -19.4814, -4.8375
Hunter-Lab	84.3972, -17.3693, 22.8379

Details

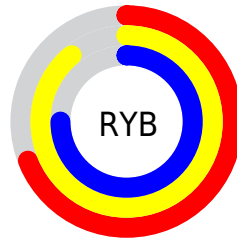
The Yxy color **71.2289, 0.3341, 0.3862** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.7553, 0.2877, 0.2695**, and the grayscale version is **68.4607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **37.5244, 0.3386, 0.4014** is the 20% darker color. If you saturate the color by 10%, you get **69.3744, 0.3434, 0.4139**, and if you desaturate by 10%, it is **73.2864, 0.3244, 0.3594**.

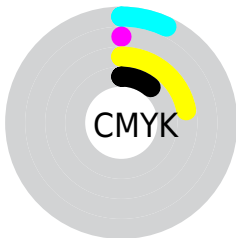
Distribution



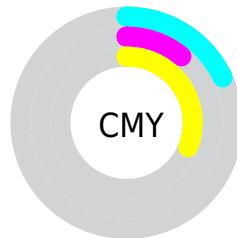
- Red (82%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (75%)



- Cyan (7%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)




- Cyan (18%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2289, 0.3341, 0.3862 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 71.2289, 0.3341, 0.3862 by changing the saturation by 10% instead.

 71.2289, 0.3341,
0.3862

 71.2289, 0.3341,
0.3862


464.8532, 0.3246,
0.3590

 52.5290, 0.3362,
0.3926


 120.9596, 0.3309,
0.3766

 37.4269, 0.3386,
0.4005


152.7592, 0.3296,
0.3729

 25.5382, 0.3417,
0.4107


189.6942, 0.3285,
0.3698

 16.4785, 0.3454,
0.4243

232.1489, 0.3275,
0.3670

 9.8634, 0.3500,
0.4429

280.5077, 0.3267,
0.3647

 5.3085, 0.3556,
0.4703

335.1552, 0.3259,

 2.4294, 0.3659,

0.3625

0.5198

396.4755, 0.3252,
0.3607

0.8409, 0.3549,
0.6451

0.0000, 0.0000,
0.0000

71.2289, 0.3341,
0.3862

71.2289, 0.3341,
0.3862

69.3744, 0.3434,
0.4139

73.2864, 0.3244,
0.3594

67.7056, 0.3519,
0.4417


75.5449, 0.3147,
0.3341

66.2169, 0.3591,
0.4686

78.0147, 0.3053,
0.3106

64.8988, 0.3644,
0.4932


79.9446, 0.3032,
0.2999


 63.7409, 0.3676,
0.5145

 81.2256, 0.3080,
0.3004

 62.7313, 0.3682,
0.5314

 82.5574, 0.3129,
0.3008

 61.8555, 0.3662,
0.5432

 82.8699, 0.3140,
0.3009

 61.2412, 0.3634,
0.5497

Harmonies

Analogous

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



71.2289, 0.3615, 0.3819



71.2289, 0.3341, 0.3862



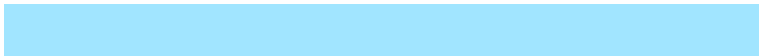
71.2289, 0.3019, 0.3730

Triad

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



71.2289, 0.3341, 0.3862



71.2289, 0.2530, 0.2904



71.2289, 0.3523, 0.3117

Complementary

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



71.2289, 0.3341, 0.3862



47.7553, 0.2877, 0.2695

Split Complementary

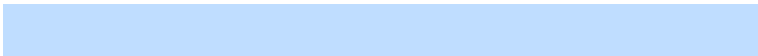
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.2289, 0.3212, 0.2902



71.2289, 0.3341, 0.3862



71.2289, 0.2647, 0.2774

Square

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



71.2289, 0.3341, 0.3862



71.2289, 0.2561, 0.3151



71.2289, 0.2892, 0.2778



71.2289, 0.3728, 0.3380

Rectangle

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



71.2289, 0.3341, 0.3862



71.2289, 0.2821, 0.3560



71.2289, 0.2892, 0.2778



71.2289, 0.3427, 0.3037

Sweetspot

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



71.2320, 0.3341, 0.3862



97.8378, 0.3195, 0.3464



56.9361, 0.3538, 0.3472



20.9028, 0.3201, 0.3479



0.0000, 0.0000, 0.0000



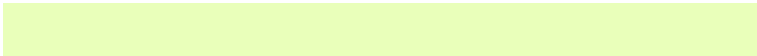
21.4041, 0.3127, 0.3290

Same Dimension

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



71.2320, 0.3341, 0.3862



92.3966, 0.3389, 0.4002



67.8628, 0.3162, 0.3895



15.7986, 0.3218, 0.3525



35.0062, 0.3642, 0.5490



2.4738, 0.3729, 0.5421

Inverse Universe

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



47.7553, 0.2877, 0.2695



55.8315, 0.2809, 0.2542



51.2770, 0.3077, 0.2729



13.4547, 0.3030, 0.3051



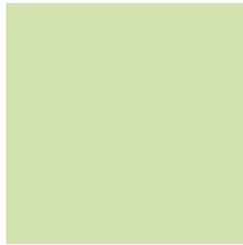
3.9792, 0.1730, 0.0727



0.3227, 0.1898, 0.0819

Previews

White Background



This preview shows how the Yxy color 71.2289, 0.3341, 0.3862 looks on a white background.

Color Contrast Check

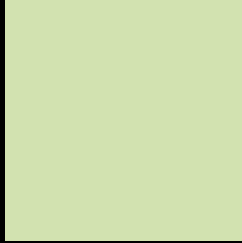
Large Text (above 18pt) WCAG AA × Fail

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 71.2289, 0.3341, 0.3862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

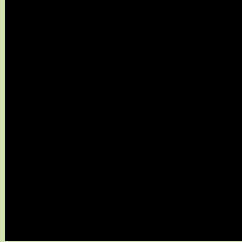
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

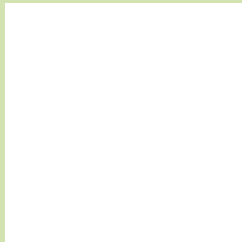
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2289, 0.3341, 0.3862

Background



This preview shows how black text looks on a background with the Yxy color 71.2289, 0.3341, 0.3862.

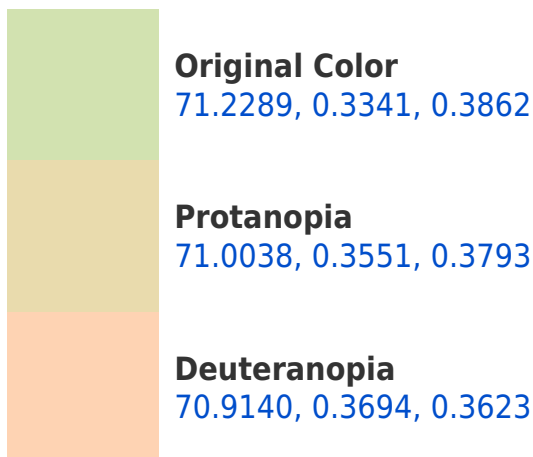


This preview shows how white text looks on a background with the Yxy color 71.2289, 0.3341, 0.3862.

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

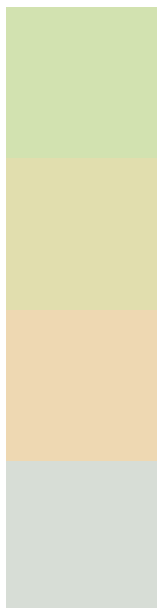




Tritanopia

71.0464, 0.3016, 0.3107

Trichromacy



Original Color

71.2289, 0.3341, 0.3862

Protanomaly

71.3061, 0.3475, 0.3823

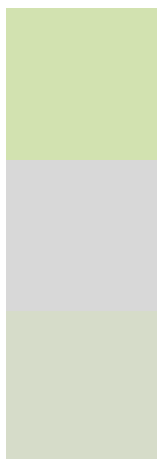
Deuteranomaly

70.5032, 0.3562, 0.3701

Tritanomaly

71.0150, 0.3131, 0.3368

Monochromacy



Original Color

71.2289, 0.3341, 0.3862

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.6996, 0.3211, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2289, 0.3341, 0.3862 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, 226, 176)` looks like.

```
.text, #text, p{  
    color:rgb(210, 226, 176)  
}
```

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, 226, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 226, 176) }
```

Border

The CSS property to change the border of an element to Yxy 71.2289, 0.3341, 0.3862 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, 226, 176) }
```

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

```
.border{ border-color:rgb(210, 226, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 226, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 226, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 226, 176); box-shadow:4px 4px 4px 4px rgb(210, 226, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2289, 0.3341, 0.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 226, 176) }
```

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

```
.background{ background-color: rgb(210,  
226, 176) }
```

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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