

Converting Colors

$Yxy(76.1086, 0.3285, 0.3703)$

Have a look what the booklet for
Yxy(76.1086, 0.3285, 0.3703)
contains.

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Color

Yxy(76.1069, 0.3281, 0.3698)

Conversions

Conversions Part 1

Format	Color
Hex	DBE7C2
RGB	219, 231, 194
RGB Percent	86%, 91%, 76%
CMY	0.1412, 0.0941, 0.2392
CMYK	0.05, 0.00, 0.16, 0.09
HSL	79°, 44%, 83%
HSV	79°, 16%, 91%
XYZ	67.5248, 76.1069, 62.1739
YIQ	223.1940, 4.7250, -14.0510

Conversions

Conversions Part 2

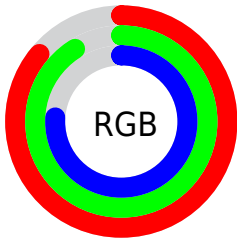
Format	Color
RYB	194, 231, 206
Decimal	14411714
CIELab	89.91, -10.36, 16.68
CIELCh	90, 19.631, 121.842
Yxy	76.1069, 0.3281, 0.3698
Android (android.graphics.Color)	4292601794 (0xFFDBE7C2)
YUV	223.1940, -14.3926, -3.6781
Hunter-Lab	87.2393, -14.5064, 18.8126

Details

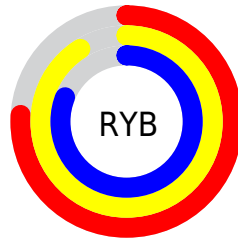
The Yxy color **76.1069, 0.3281, 0.3698** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.4830, 0.2955, 0.2871**, and the grayscale version is **74.0397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **40.4459, 0.3319, 0.3795** is the 20% darker color. If you saturate the color by 10%, you get **74.0138, 0.3376, 0.3971**, and if you desaturate by 10%, it is **78.4205, 0.3185, 0.3438**.

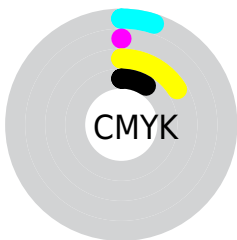
Distribution



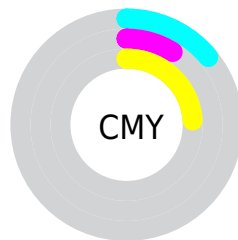
- Red (86%)
- Green (91%)
- Blue (76%)



- Red (76%)
- Yellow (91%)
- Blue (81%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)





- Cyan (14%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1069, 0.3281, 0.3698 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 76.1069, 0.3281, 0.3698 by changing the saturation by 10% instead.


 76.1069, 0.3281,
0.3698

 76.1069, 0.3281,
0.3698


481.7136, 0.3212,
0.3507

 56.5202, 0.3296,
0.3742

 127.8780, 0.3258,
0.3631

 40.6201, 0.3314,
0.3797


160.8312, 0.3248,
0.3606

 28.0224, 0.3337,
0.3866


199.0086, 0.3240,
0.3583

 18.3425, 0.3365,
0.3958

242.7947, 0.3233,
0.3564

 11.1962, 0.3402,
0.4083

292.5738, 0.3227,
0.3547

 6.1990, 0.3450,
0.4266


348.7304, 0.3222,

 2.9664, 0.3515,


0.3532


0.4552


411.6489, 0.3217,
0.3519


 1.1142, 0.4087,
0.5766


 0.0000, 0.0000,
0.0000


 76.1069, 0.3281,
0.3698

 76.1069, 0.3281,
0.3698


 74.0138, 0.3376,
0.3971


 78.4205, 0.3185,
0.3438


 72.1231, 0.3465,
0.4250

 80.9522, 0.3090,
0.3196

 70.4293, 0.3545,
0.4527

 83.1656, 0.3048,
0.3052

 68.9232, 0.3609,
0.4790

 84.5173, 0.3098,
0.3055

■ 67.5942, 0.3654,
0.5026

■ 85.6365, 0.3138,
0.3058

■ 66.4306, 0.3674,
0.5223

■ 65.4191, 0.3669,
0.5373

■ 64.5429, 0.3640,
0.5473

■ 64.2210, 0.3624,
0.5504

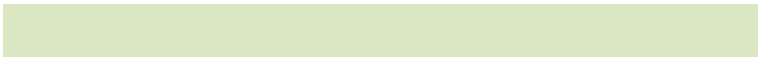
Harmonies

Analogous

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



76.1069, 0.3479, 0.3675



76.1069, 0.3281, 0.3698



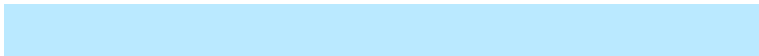
76.1069, 0.3047, 0.3600

Triad

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



76.1069, 0.3281, 0.3698



76.1069, 0.2690, 0.3010



76.1069, 0.3417, 0.3169

Complementary

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



76.1069, 0.3281, 0.3698



57.4830, 0.2955, 0.2871

Split Complementary

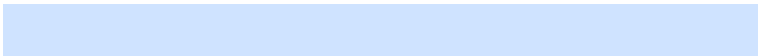
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1069, 0.3195, 0.3007



76.1069, 0.3281, 0.3698



76.1069, 0.2780, 0.2913

Square

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



76.1069, 0.3281, 0.3698



76.1069, 0.2712, 0.3190



76.1069, 0.2962, 0.2914



76.1069, 0.3561, 0.3364

Rectangle

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



76.1069, 0.3281, 0.3698



76.1069, 0.2903, 0.3480



76.1069, 0.2962, 0.2914



76.1069, 0.3349, 0.3109

Sweetspot

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



76.1102, 0.3281, 0.3698



98.4287, 0.3175, 0.3413



64.8960, 0.3410, 0.3420



21.0217, 0.3182, 0.3431



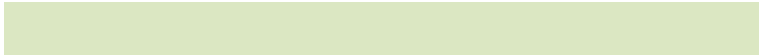
0.0000, 0.0000, 0.0000



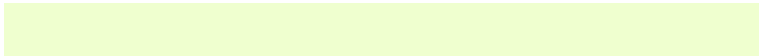
21.4041, 0.3127, 0.3290

Same Dimension

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



76.1102, 0.3281, 0.3698



94.3992, 0.3311, 0.3781



73.4405, 0.3153, 0.3714



16.5703, 0.3218, 0.3526



36.0701, 0.3633, 0.5497



2.7151, 0.3716, 0.5431

Inverse Universe

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



57.4830, 0.2955, 0.2871



67.2032, 0.2917, 0.2782



60.2405, 0.3093, 0.2888



14.1133, 0.3031, 0.3051



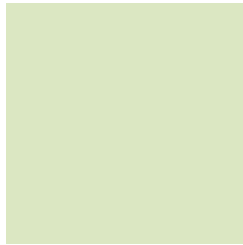
4.1336, 0.1736, 0.0730



0.3542, 0.1895, 0.0818

Previews

White Background



This preview shows how the Yxy color 76.1069, 0.3281, 0.3698 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 76.1069, 0.3281, 0.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

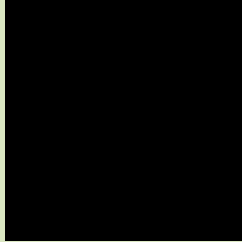
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

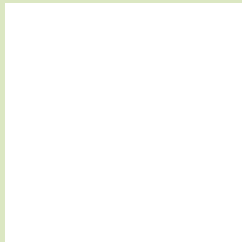
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1069, 0.3281, 0.3698

Background



This preview shows how black text looks on a background with the Yxy color 76.1069, 0.3281, 0.3698.

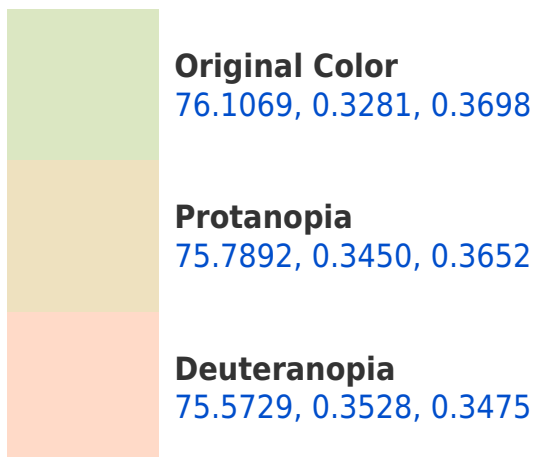


This preview shows how white text looks on a background with the Yxy color 76.1069, 0.3281, 0.3698.

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

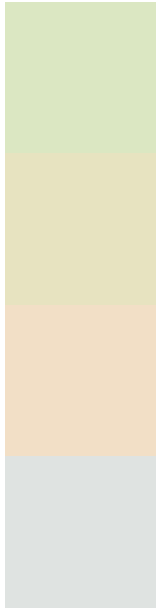




Tritanopia

75.8909, 0.3026, 0.3102

Trichromacy



Original Color

76.1069, 0.3281, 0.3698

Protanomaly

75.7329, 0.3387, 0.3668

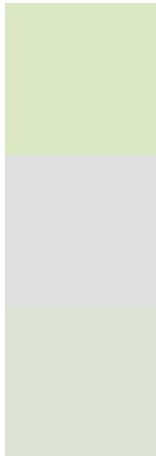
Deuteranomaly

75.7298, 0.3435, 0.3553

Tritanomaly

76.0624, 0.3112, 0.3311

Monochromacy



Original Color

76.1069, 0.3281, 0.3698

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.6758, 0.3190, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1069, 0.3281, 0.3698 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(219, 231, 194)` looks like.

```
.text, #text, p{  
    color:rgb(219, 231, 194)  
}
```

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(219, 231, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 231, 194) }
```

Border

The CSS property to change the border of an element to Yxy 76.1069, 0.3281, 0.3698 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(219, 231, 194) }
```

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

```
.border{ border-color:rgb(219, 231, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 231, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 231, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 231, 194);  
box-shadow:4px 4px 4px 4px rgb(219, 231,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1069, 0.3281, 0.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 231, 194) }
```

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

```
.background{ background-color: rgb(219,  
231, 194) }
```

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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