

Converting Colors

$Yxy(76.3034, 0.3345, 0.3695)$

Have a look what the booklet for
Yxy(76.3034, 0.3345, 0.3695)
contains.

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Color

Yxy(76.0131, 0.3347, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	E2E5C0
RGB	226, 229, 192
RGB Percent	89%, 90%, 75%
CMY	0.1139, 0.1019, 0.2469
CMYK	0.01, 0.00, 0.16, 0.10
HSL	65°, 42%, 83%
HSV	65°, 16%, 90%
XYZ	68.8914, 76.0131, 60.9257
YIQ	223.8850, 10.0890, -12.1430

Conversions

Conversions Part 2

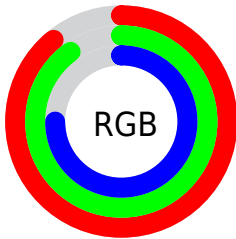
Format	Color
R_{YB}	192, 229, 195
Decimal	14869952
CIE _{Lab}	89.87, -7.18, 17.72
CIE _{LCh}	90, 19.118, 112.057
Yxy	76.0131, 0.3347, 0.3693
Android (android.graphics.Color)	4293060032 (0xFFE2E5C0)
YUV	223.8850, -15.7193, 1.8549
Hunter-Lab	87.1855, -11.5292, 19.5976

Details

The Yxy color **76.0131, 0.3347, 0.3693** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.9825, 0.2887, 0.2859**, and the grayscale version is **74.5634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **40.6531, 0.3395, 0.3802** is the 20% darker color. If you saturate the color by 10%, you get **74.7751, 0.3485, 0.3950**, and if you desaturate by 10%, it is **77.4192, 0.3210, 0.3440**.

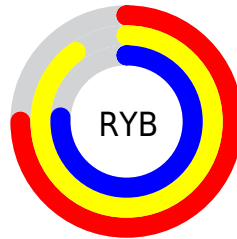
Distribution



Red (89%)

Green (90%)

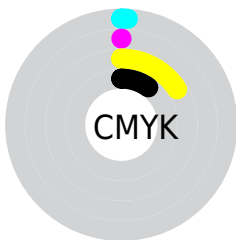
Blue (75%)



Red (75%)

Yellow (90%)

Blue (76%)

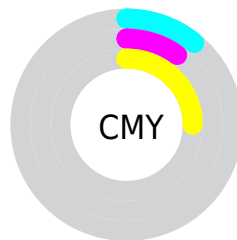


Cyan (1%)

Magenta (0%)

Yellow (16%)

Black (10%)



Cyan (11%)


Magenta (10%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0131, 0.3347, 0.3693 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 76.0131, 0.3347, 0.3693 by changing the saturation by 10% instead.


 76.0131, 0.3347,
0.3693

 76.0131, 0.3347,
0.3693


481.3925, 0.3248,
0.3505

 56.4432, 0.3369,
0.3736


 127.7454, 0.3313,
0.3628

 40.5584, 0.3396,
0.3789


160.6767, 0.3300,
0.3602

 27.9742, 0.3430,
0.3857


198.8305, 0.3288,
0.3581

 18.3062, 0.3472,
0.3945

242.5914, 0.3278,
0.3562

 11.1701, 0.3529,
0.4066

292.3436, 0.3269,
0.3545

 6.1813, 0.3605,
0.4239

348.4716, 0.3261,

 2.9557, 0.3713,

0.3530

411.3598, 0.3254,
0.3517

0.4505

1.1086, 0.4377,
0.5623

0.0000, 0.0000,
0.0000

76.0131, 0.3347,
0.3693

76.0131, 0.3347,
0.3693

74.7751, 0.3485,
0.3950

77.4192, 0.3210,
0.3440

73.6877, 0.3618,
0.4204


78.9901, 0.3077,
0.3198

72.7466, 0.3742,
0.4446


80.3607, 0.2984,
0.3026

71.9430, 0.3850,
0.4664

80.6780, 0.2996,
0.3027


 71.2676, 0.3937,
0.4850

 80.9986, 0.3009,
0.3028


 70.7095, 0.4000,
0.4995


 81.3226, 0.3021,
0.3029


 70.2564, 0.4036,
0.5096

 81.6501, 0.3033,
0.3030

 69.8925, 0.4047,
0.5153

 81.9810, 0.3046,
0.3031

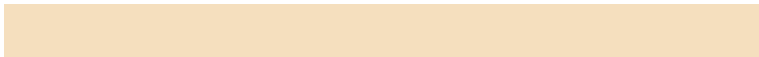
 69.7661, 0.4047,
0.5168

 82.3154, 0.3058,
0.3032

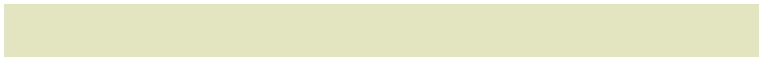
Harmonies

Analogous

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



76.0131, 0.3515, 0.3635



76.0131, 0.3347, 0.3693



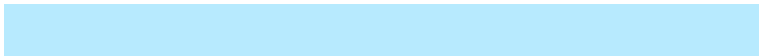
76.0131, 0.3124, 0.3635

Triad

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



76.0131, 0.3347, 0.3693



76.0131, 0.2696, 0.3067



76.0131, 0.3344, 0.3115

Complementary

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



76.0131, 0.3347, 0.3693



54.9825, 0.2887, 0.2859

Split Complementary

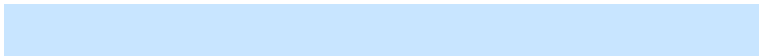
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0131, 0.3118, 0.2975



76.0131, 0.3347, 0.3693



76.0131, 0.2749, 0.2943

Square

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



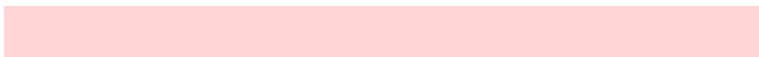
76.0131, 0.3347, 0.3693



76.0131, 0.2752, 0.3261



76.0131, 0.2901, 0.2912



76.0131, 0.3516, 0.3299

Rectangle

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



76.0131, 0.3347, 0.3693



76.0131, 0.2975, 0.3536



76.0131, 0.2901, 0.2912



76.0131, 0.3272, 0.3061

Sweetspot

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



76.0164, 0.3347, 0.3693



99.0069, 0.3195, 0.3413



59.2714, 0.3429, 0.3319



21.1626, 0.3204, 0.3430



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.



76.0164, 0.3347, 0.3693



96.5128, 0.3388, 0.3769



73.2716, 0.3218, 0.3710



16.7536, 0.3255, 0.3523



39.9087, 0.4050, 0.5166



2.9671, 0.4072, 0.5149

Inverse Universe

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



54.9825, 0.2887, 0.2859



65.4100, 0.2837, 0.2770



57.5140, 0.3022, 0.2876



13.9437, 0.2993, 0.3048



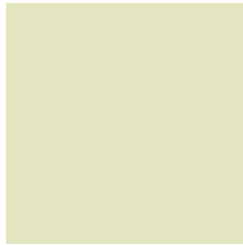
3.3337, 0.1527, 0.0615



0.2662, 0.1599, 0.0655

Previews

White Background



This preview shows how the Yxy color 76.0131, 0.3347, 0.3693 looks on a white background.

Color Contrast Check

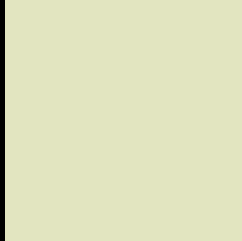
Large Text (above 18pt) WCAG AA × Fail

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 76.0131, 0.3347, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

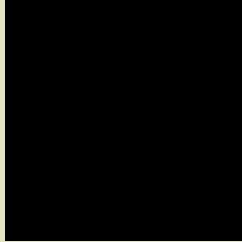
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

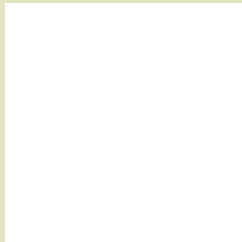
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0131, 0.3347, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 76.0131, 0.3347, 0.3693.



This preview shows how white text looks on a background with the Yxy color 76.0131, 0.3347, 0.3693.

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

76.0131, 0.3347, 0.3693

Protanopia

75.7453, 0.3457, 0.3663

Deuteranopia

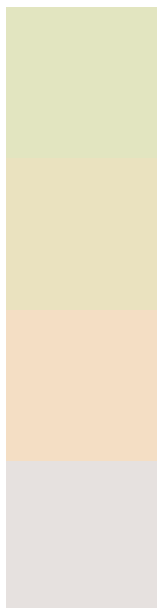
75.5263, 0.3535, 0.3485



Tritanopia

75.8575, 0.3087, 0.3104

Trichromacy



Original Color

76.0131, 0.3347, 0.3693

Protanomaly

75.6467, 0.3418, 0.3666

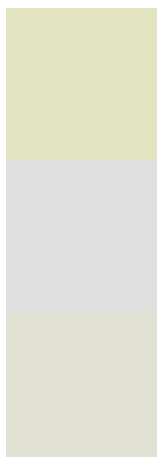
Deuteranomaly

75.4612, 0.3466, 0.3563

Tritanomaly

76.0011, 0.3175, 0.3311

Monochromacy



Original Color

76.0131, 0.3347, 0.3693

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.1537, 0.3211, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0131, 0.3347, 0.3693 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(226, 229, 192)` looks like.

```
.text, #text, p{  
    color:rgb(226, 229, 192)  
}
```

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(226, 229, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 229, 192) }
```

Border

The CSS property to change the border of an element to Yxy 76.0131, 0.3347, 0.3693 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(226, 229, 192) }
```

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

```
.border{ border-color:rgb(226, 229, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 229, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 229, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 229, 192); box-shadow:4px 4px 4px 4px rgb(226, 229, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0131, 0.3347, 0.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 229, 192) }
```

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

```
.background{ background-color: rgb(226,  
229, 192) }
```

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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