

Converting Colors

$Yxy(75.7747, 0.3357, 0.3697)$

Have a look what the booklet for
Yxy(75.7747, 0.3357, 0.3697)
contains.

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Color

Yxy(75.9690, 0.3354, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	E2E5BF
RGB	226, 229, 191
RGB Percent	89%, 90%, 75%
CMY	0.1137, 0.1020, 0.2509
CMYK	0.01, 0.00, 0.17, 0.10
HSL	65°, 42%, 82%
HSV	65°, 17%, 90%
XYZ	68.7905, 75.9690, 60.3404
YIQ	223.7710, 10.4100, -12.4540

Conversions

Conversions Part 2

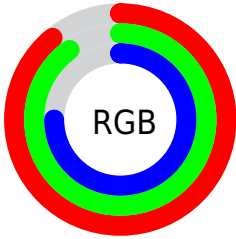
Format	Color
RYB	191, 229, 194
Decimal	14869951
CIELab	89.84, -7.31, 18.21
CIELCh	90, 19.626, 111.870
Yxy	75.9690, 0.3354, 0.3704
Android (android.graphics.Color)	4293060031 (0xFFE2E5BF)
YUV	223.7710, -16.1561, 1.9548
Hunter-Lab	87.1602, -11.6506, 19.9661

Details

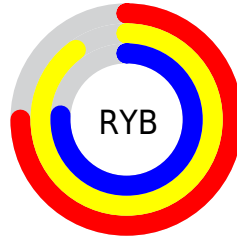
The Yxy color **75.9690, 0.3354, 0.3704** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.4009, 0.2879, 0.2846**, and the grayscale version is **74.4847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **40.6243, 0.3403, 0.3816** is the 20% darker color. If you saturate the color by 10%, you get **74.7509, 0.3492, 0.3961**, and if you desaturate by 10%, it is **77.3545, 0.3216, 0.3451**.

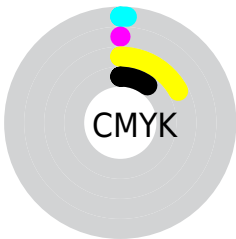
Distribution



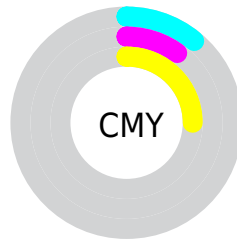
- Red (89%)
- Green (90%)
- Blue (75%)



- Red (75%)
- Yellow (90%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)





- Cyan (11%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9690, 0.3354, 0.3704 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 75.9690, 0.3354, 0.3704 by changing the saturation by 10% instead.

 75.9690, 0.3354,
0.3704

 75.9690, 0.3354,
0.3704


481.2416, 0.3251,
0.3511

 56.4071, 0.3377,
0.3748


 127.6831, 0.3319,
0.3637

 40.5294, 0.3405,
0.3803


160.6040, 0.3305,
0.3611

 27.9516, 0.3439,
0.3872


198.7468, 0.3293,
0.3589

 18.2891, 0.3483,
0.3963

242.4958, 0.3283,
0.3569

 11.1578, 0.3541,
0.4087

292.2354, 0.3274,
0.3552

 6.1731, 0.3620,
0.4264


348.3499, 0.3265,

 2.9506, 0.3729,


0.3537


0.4538


411.2239, 0.3258,
0.3523


 1.1060, 0.4367,
0.5633


 0.0000, 0.0000,
0.0000


 75.9690, 0.3354,
0.3704


 75.9690, 0.3354,
0.3704


 74.7509, 0.3492,
0.3961


 77.3545, 0.3216,
0.3451

 73.6829, 0.3626,
0.4214


 78.9042, 0.3082,
0.3209


 72.7605, 0.3750,
0.4455


 80.3199, 0.2983,
0.3026

 71.9749, 0.3858,
0.4671


 80.6228, 0.2994,
0.3027

 71.3167, 0.3945,
0.4854

 80.9288, 0.3006,
0.3028

 70.7751, 0.4007,
0.4997


 81.2379, 0.3018,
0.3029


 70.3375, 0.4042,
0.5095

 81.5502, 0.3030,
0.3030

 69.9879, 0.4053,
0.5150

 81.8656, 0.3042,
0.3031

 69.8795, 0.4054,
0.5163

 82.1842, 0.3054,
0.3032

Harmonies

Analogous

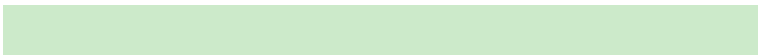
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9690, 0.3527, 0.3643



75.9690, 0.3354, 0.3704



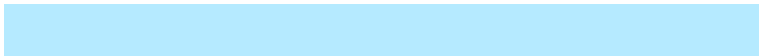
75.9690, 0.3125, 0.3645

Triad

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



75.9690, 0.3354, 0.3704



75.9690, 0.2684, 0.3062



75.9690, 0.3349, 0.3109

Complementary

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



75.9690, 0.3354, 0.3704



54.4009, 0.2879, 0.2846

Split Complementary

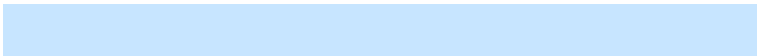
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9690, 0.3116, 0.2967



75.9690, 0.3354, 0.3704



75.9690, 0.2738, 0.2934

Square

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



75.9690, 0.3354, 0.3704



75.9690, 0.2743, 0.3261



75.9690, 0.2893, 0.2902



75.9690, 0.3525, 0.3298

Rectangle

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



75.9690, 0.3354, 0.3704



75.9690, 0.2972, 0.3544



75.9690, 0.2893, 0.2902



75.9690, 0.3274, 0.3055

Sweetspot

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



75.9723, 0.3354, 0.3704



99.0156, 0.3195, 0.3413



58.8069, 0.3438, 0.3319



21.1647, 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.



75.9723, 0.3354, 0.3704



96.3845, 0.3403, 0.3795



73.1374, 0.3221, 0.3722



16.7563, 0.3255, 0.3523



39.9772, 0.4056, 0.5161



2.9714, 0.4077, 0.5145

Inverse Universe

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



54.4009, 0.2879, 0.2846



63.8190, 0.2819, 0.2740



57.0072, 0.3019, 0.2864



13.9412, 0.2992, 0.3048



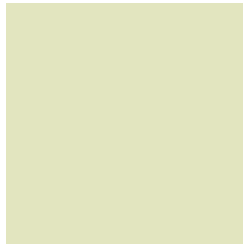
3.3285, 0.1526, 0.0614



0.2650, 0.1595, 0.0652

Previews

White Background



This preview shows how the Yxy color 75.9690, 0.3354, 0.3704 looks on a white background.

Color Contrast Check

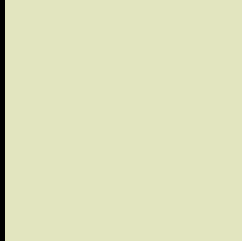
Large Text (above 18pt) WCAG AA × Fail

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 75.9690, 0.3354, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

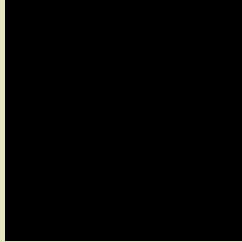
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

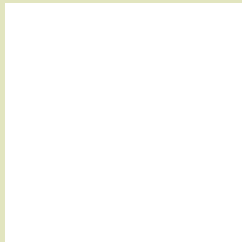
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9690, 0.3354, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 75.9690, 0.3354, 0.3704.



This preview shows how white text looks on a background with the Yxy color 75.9690, 0.3354, 0.3704.

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

75.9690, 0.3354, 0.3704

Protanopia

75.7017, 0.3463, 0.3674

Deuteranopia

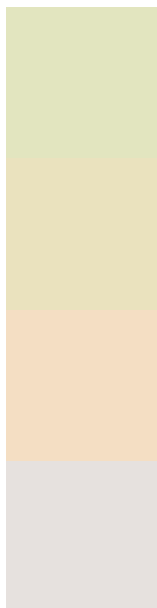
75.4800, 0.3543, 0.3495



Tritanopia

75.8575, 0.3087, 0.3104

Trichromacy



Original Color

75.9690, 0.3354, 0.3704

Protanomaly

75.6028, 0.3425, 0.3677

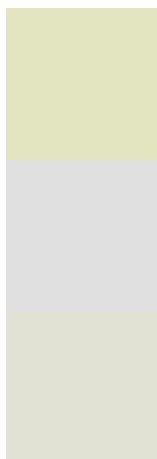
Deuteranomaly

75.4158, 0.3473, 0.3574

Tritanomaly

75.9473, 0.3182, 0.3322

Monochromacy



Original Color

75.9690, 0.3354, 0.3704

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 75.9690, 0.3354, 0.3704 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(226, 229, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 229, 191) }
```

Border

The CSS property to change the border of an element to Yxy 75.9690, 0.3354, 0.3704 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, 191) }
```

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

```
.border{ border-color:rgb(226, 229, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 229, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 229, 191);  
box-shadow:4px 4px 4px 4px rgb(226, 229,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9690, 0.3354, 0.3704 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, 191) }
```

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

```
.background{ background-color: rgb(226,  
229, 191) }
```

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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