

Converting Colors

$Yxy(71.3195, 0.3458, 0.3661)$

Have a look what the booklet for
Yxy(71.3195, 0.3458, 0.3661)
contains.

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Color

Yxy(71.3216, 0.3458, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	E8DBB9
RGB	232, 219, 185
RGB Percent	91%, 86%, 73%
CMY	0.0902, 0.1411, 0.2744
CMYK	0.00, 0.06, 0.20, 0.09
HSL	43°, 51%, 82%
HSV	43°, 20%, 91%
XYZ	67.3669, 71.3216, 56.1261
YIQ	219.0110, 18.6620, -7.8180

Conversions

Conversions Part 2

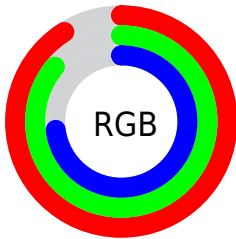
Format	Color
RYB	203, 232, 185
Decimal	15260601
CIELab	87.64, -0.93, 18.33
CIELCh	88, 18.354, 92.902
Yxy	71.3216, 0.3458, 0.3661
Android (android.graphics.Color)	4293450681 (0xFFE8DBB9)
YUV	219.0110, -16.7674, 11.3914
Hunter-Lab	84.4521, -5.4030, 19.7129

Details

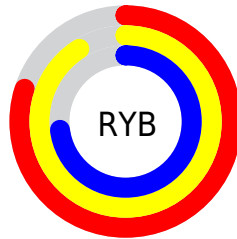
The Yxy color **71.3216, 0.3458, 0.3661** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.5344, 0.2799, 0.2889**, and the grayscale version is **70.9574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **37.4470, 0.3535, 0.3745** is the 20% darker color. If you saturate the color by 10%, you get **67.1409, 0.3641, 0.3851**, and if you desaturate by 10%, it is **75.7975, 0.3287, 0.3474**.

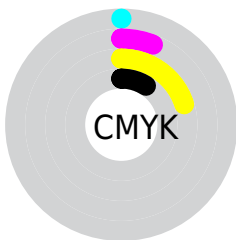
Distribution



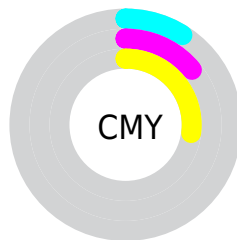
- Red (91%)
- Green (86%)
- Blue (73%)



- Red (80%)
- Yellow (91%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3216, 0.3458, 0.3661 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 71.3216, 0.3458, 0.3661 by changing the saturation by 10% instead.


 71.3216, 0.3458,
0.3661

 71.3216, 0.3458,
0.3661


465.1769, 0.3305,
0.3489

 52.6047, 0.3493,
0.3700


 121.0915, 0.3405,
0.3601

 37.4873, 0.3536,
0.3749


152.9133, 0.3384,
0.3578

 25.5850, 0.3590,
0.3811


189.8722, 0.3366,
0.3558

 16.5134, 0.3661,
0.3891

232.3526, 0.3351,
0.3540

 9.8882, 0.3756,
0.4000

280.7389, 0.3337,
0.3525

 5.3249, 0.3890,
0.4153

335.4154, 0.3325,

 2.4391, 0.4091,

0.3512

0.4388

396.7666, 0.3314,
0.3499

0.8459, 0.4802,
0.5198

0.0000, 0.0000,
0.0000

71.3216, 0.3458,
0.3661

71.3216, 0.3458,
0.3661

67.1409, 0.3641,
0.3851

75.7975, 0.3287,
0.3474

63.2367, 0.3833,
0.4038

80.5677, 0.3131,
0.3294

59.6022, 0.4029,
0.4214

85.6435, 0.2989,
0.3125

56.2269, 0.4222,
0.4367

89.4747, 0.2987,
0.3186

■ 53.0990, 0.4403,
0.4487

■ 93.4158, 0.2987,
0.3251

■ 50.2052, 0.4563,
0.4564

■ 95.8945, 0.2987,
0.3290

■ 47.5299, 0.4693,
0.4591

■ 45.1064, 0.4794,
0.4576

Harmonies

Analogous

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



71.3216, 0.3561, 0.3544



71.3216, 0.3458, 0.3661



71.3216, 0.3267, 0.3678

Triad

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



71.3216, 0.3458, 0.3661



71.3216, 0.2727, 0.3188



71.3216, 0.3201, 0.3023

Complementary

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



71.3216, 0.3458, 0.3661



56.5344, 0.2799, 0.2889

Split Complementary

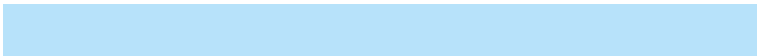
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3216, 0.2977, 0.2932



71.3216, 0.3458, 0.3661



71.3216, 0.2710, 0.3018

Square

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



71.3216, 0.3458, 0.3661



71.3216, 0.2847, 0.3397



71.3216, 0.2800, 0.2928



71.3216, 0.3410, 0.3180

Rectangle

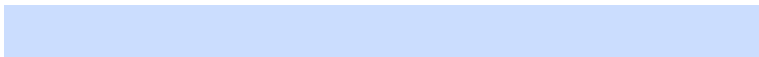
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3216, 0.3458, 0.3661



71.3216, 0.3118, 0.3625



71.3216, 0.2800, 0.2928



71.3216, 0.3124, 0.2984

Sweetspot

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



71.3248, 0.3458, 0.3661



96.3843, 0.3220, 0.3397



55.9542, 0.3419, 0.3143



20.5477, 0.3230, 0.3409



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.



71.3248, 0.3458, 0.3661



86.3421, 0.3528, 0.3735



76.7130, 0.3358, 0.3806



16.1081, 0.3274, 0.3459



25.2648, 0.4782, 0.4585



2.0208, 0.4676, 0.4669

Inverse Universe

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



56.5344, 0.2799, 0.2889



65.1121, 0.2731, 0.2802



52.1616, 0.2865, 0.2743



14.5324, 0.2981, 0.3115



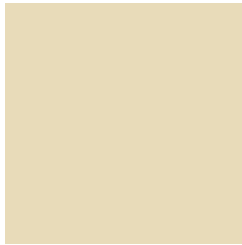
5.4603, 0.1597, 0.0948



0.5558, 0.1676, 0.1232

Previews

White Background



This preview shows how the Yxy color 71.3216, 0.3458, 0.3661 looks on a white background.

Color Contrast Check

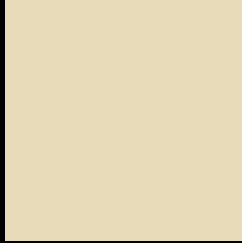
Large Text (above 18pt) WCAG AA × Fail

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 71.3216, 0.3458, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

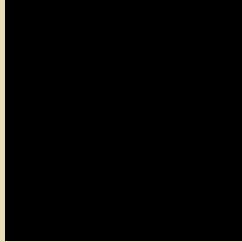
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3216, 0.3458, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 71.3216, 0.3458, 0.3661.

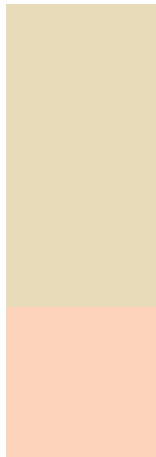


This preview shows how white text looks on a background with the Yxy color 71.3216, 0.3458, 0.3661.

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

71.3216, 0.3458, 0.3661

Protanopia

71.1547, 0.3451, 0.3662

Deuteranopia

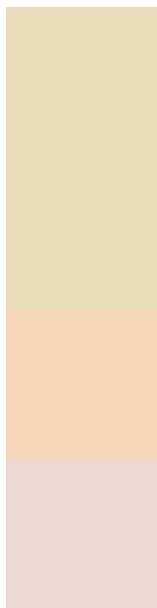
71.0590, 0.3625, 0.3540



Tritanopia

71.4228, 0.3201, 0.3123

Trichromacy



Original Color

71.3216, 0.3458, 0.3661

Protanomaly

71.1547, 0.3451, 0.3662

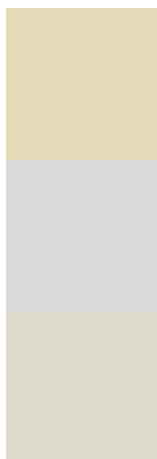
Deuteranomaly

71.0508, 0.3563, 0.3587

Tritanomaly

71.2378, 0.3296, 0.3312

Monochromacy



Original Color

71.3216, 0.3458, 0.3661

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.0153, 0.3244, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3216, 0.3458, 0.3661 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(232, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(232, 219, 185)  
}
```

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(232, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 219, 185) }
```

Border

The CSS property to change the border of an element to Yxy 71.3216, 0.3458, 0.3661 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(232, 219, 185) }
```

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

```
.border{ border-color:rgb(232, 219, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 219, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 219, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 219, 185);  
box-shadow:4px 4px 4px 4px rgb(232, 219,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3216, 0.3458, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 219, 185) }
```

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

```
.background{ background-color: rgb(232,  
219, 185) }
```

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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