

Converting Colors

$Y_{xy}(70.1888, 0.3628, 0.3774)$

Have a look what the booklet for
Yxy(70.1888, 0.3628, 0.3774)
contains.

Yxy(69.8919, 0.3623, 0.3765)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.8919, 0.3623, 0.3765)

Conversions

Conversions Part 1

Format	Color
Hex	EFD7AB
RGB	239, 215, 171
RGB Percent	94%, 84%, 67%
CMY	0.0627, 0.1569, 0.3293
CMYK	0.00, 0.10, 0.28, 0.06
HSL	39°, 68%, 80%
HSV	39°, 28%, 94%
XYZ	67.2559, 69.8919, 48.4881
YIQ	217.1600, 28.4280, -8.5960

Conversions

Conversions Part 2

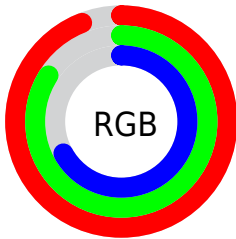
Format	Color
R _Y B	208, 239, 171
Decimal	15718315
CIE Lab	86.94, 1.83, 24.76
CIE LCh	87, 24.828, 85.771
Yxy	69.8919, 0.3623, 0.3765
Android (android.graphics.Color)	4293908395 (0xFFEFD7AB)
YUV	217.1600, -22.7569, 19.1537
Hunter-Lab	83.6014, -2.7022, 24.1333

Details

The Yxy color **69.8919, 0.3623, 0.3765** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.9513, 0.2659, 0.2764**, and the grayscale version is **69.6528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **36.4186, 0.3734, 0.3865** is the 20% darker color. If you saturate the color by 10%, you get **64.8729, 0.3828, 0.3936**, and if you desaturate by 10%, it is **75.3042, 0.3433, 0.3593**.

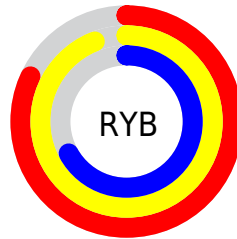
Distribution



Red (94%)

Green (84%)

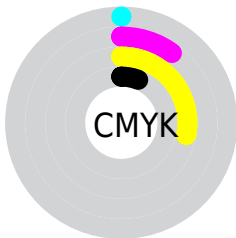
Blue (67%)



Red (82%)

Yellow (94%)

Blue (67%)

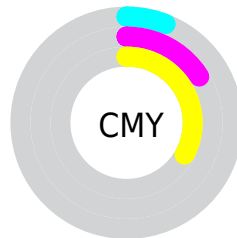


Cyan (0%)

Magenta (10%)

Yellow (28%)

Black (6%)



Cyan (6%)


Magenta (16%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8919, 0.3623, 0.3765 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 69.8919, 0.3623, 0.3765 by changing the saturation by 10% instead.


 69.8919, 0.3623,
0.3765

 69.8919, 0.3623,
0.3765


460.1704, 0.3393,
0.3546

 51.4384, 0.3675,
0.3814


 119.0546, 0.3543,
0.3689

 36.5576, 0.3740,
0.3875


150.5326, 0.3512,
0.3660

 24.8652, 0.3821,
0.3951


187.1208, 0.3485,
0.3634

 15.9766, 0.3926,
0.4048

229.2038, 0.3462,
0.3612

 9.5076, 0.4065,
0.4175

277.1658, 0.3441,
0.3593

 5.0737, 0.4256,
0.4348

331.3913, 0.3423,

 2.2906, 0.4651,

0.3575

0.4709

392.2647, 0.3407,
0.3560

0.7687, 0.5021,
0.4979

0.0000, 0.0000,
0.0000

69.8919, 0.3623,
0.3765

69.8919, 0.3623,
0.3765

64.8729, 0.3828,
0.3936

75.3042, 0.3433,
0.3593

60.2255, 0.4043,
0.4099

81.1118, 0.3260,
0.3425

55.9397, 0.4263,
0.4242

87.3285, 0.3104,
0.3266

52.0013, 0.4477,
0.4355

93.1923, 0.3030,
0.3229

■ 48.3943, 0.4674,
0.4426

■ 97.0949, 0.3030,
0.3290

■ 45.1006, 0.4845,
0.4446

■ 42.0956, 0.4983,
0.4416

■ 41.6499, 0.5003,
0.4410

Harmonies

Analogous

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



69.8919, 0.3730, 0.3576



69.8919, 0.3623, 0.3765



69.8919, 0.3383, 0.3832

Triad

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



69.8919, 0.3623, 0.3765



69.8919, 0.2614, 0.3212



69.8919, 0.3151, 0.2894

Complementary

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



69.8919, 0.3623, 0.3765



53.9513, 0.2659, 0.2764

Split Complementary

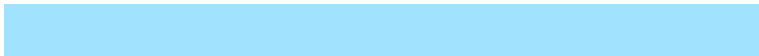
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.8919, 0.2857, 0.2797



69.8919, 0.3623, 0.3765



69.8919, 0.2558, 0.2963

Square

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



69.8919, 0.3623, 0.3765



69.8919, 0.2802, 0.3502



69.8919, 0.2645, 0.2817



69.8919, 0.3451, 0.3085

Rectangle

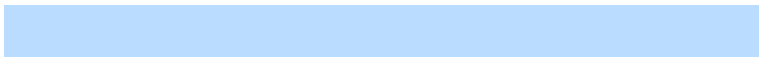
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.8919, 0.3623, 0.3765



69.8919, 0.3183, 0.3787



69.8919, 0.2645, 0.2817



69.8919, 0.3048, 0.2850

Sweetspot

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



69.8951, 0.3623, 0.3765



93.5431, 0.3270, 0.3435



51.4760, 0.3525, 0.3018



19.8065, 0.3294, 0.3459



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.



69.8951, 0.3623, 0.3765



77.6040, 0.3737, 0.3863



81.5046, 0.3492, 0.4017



17.4643, 0.3277, 0.3442



23.2676, 0.4987, 0.4423



2.1221, 0.4855, 0.4527

Inverse Universe

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



53.9513, 0.2659, 0.2764



56.3965, 0.2559, 0.2639



45.0856, 0.2694, 0.2479



16.1426, 0.2980, 0.3133



7.2110, 0.1648, 0.1133



0.7807, 0.1721, 0.1395

Previews

White Background



This preview shows how the Yxy color 69.8919, 0.3623, 0.3765 looks on a white background.

Color Contrast Check

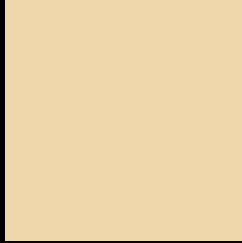
Large Text (above 18pt) WCAG AA × Fail

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 69.8919, 0.3623, 0.3765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

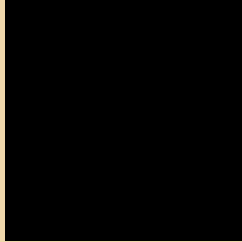
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.8919, 0.3623, 0.3765

Background



This preview shows how black text looks on a background with the Yxy color 69.8919, 0.3623, 0.3765.



This preview shows how white text looks on a background with the Yxy color 69.8919, 0.3623, 0.3765.

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

69.8919, 0.3623, 0.3765

Protanopia

69.7601, 0.3555, 0.3784

Deuteranopia

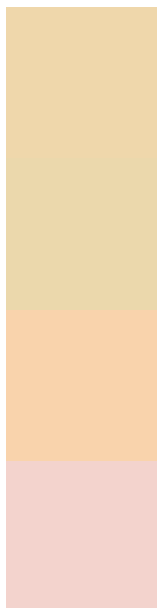
69.6503, 0.3753, 0.3676



Tritanopia

69.9060, 0.3293, 0.3125

Trichromacy



Original Color

69.8919, 0.3623, 0.3765

Protanomaly

69.7525, 0.3581, 0.3770

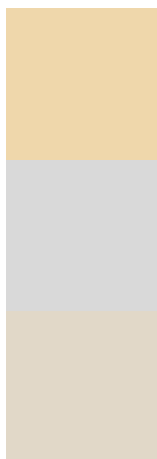
Deuteranomaly

69.7068, 0.3707, 0.3702

Tritanomaly

70.0510, 0.3413, 0.3354

Monochromacy



Original Color

69.8919, 0.3623, 0.3765

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.2894, 0.3304, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8919, 0.3623, 0.3765 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(239, 215, 171)` looks like.

```
.text, #text, p{  
    color:rgb(239, 215, 171)  
}
```

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(239, 215, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 215, 171) }
```

Border

The CSS property to change the border of an element to Yxy 69.8919, 0.3623, 0.3765 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(239, 215, 171) }
```

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

```
.border{ border-color:rgb(239, 215, 171) }
```

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

Here you see how a box with a 4 pixel rgb(239, 215, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 215, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 215, 171);  
box-shadow:4px 4px 4px 4px rgb(239, 215,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8919, 0.3623, 0.3765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 215, 171) }
```

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

```
.background{ background-color: rgb(239,  
215, 171) }
```

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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