

Converting Colors

Yxy(65.3549, 0.3802, 0.4021)

Have a look what the booklet for
Yxy(65.3549, 0.3802, 0.4021)
contains.

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Color

Yxy(65.5688, 0.3802, 0.4026)

Conversions

Conversions Part 1

Format	Color
Hex	EAD28F
RGB	234, 210, 143
RGB Percent	92%, 82%, 56%
CMY	0.0826, 0.1764, 0.4393
CMYK	0.00, 0.10, 0.39, 0.08
HSL	44°, 68%, 74%
HSV	44°, 39%, 92%
XYZ	61.9207, 65.5688, 35.3739
YIQ	209.5380, 35.8110, -15.7490

Conversions

Conversions Part 2

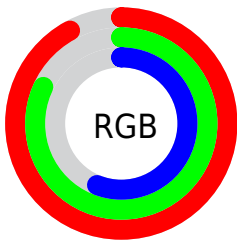
Format	Color
R _Y B	176, 234, 143
Decimal	15389327
CIE Lab	84.78, -0.93, 36.26
CIE LCh	85, 36.274, 91.473
Yxy	65.5688, 0.3802, 0.4026
Android (android.graphics.Color)	4293579407 (0xFFEAD28F)
YUV	209.5380, -32.8032, 21.4532
Hunter-Lab	80.9746, -5.2078, 30.7812

Details

The Yxy color **65.5688, 0.3802, 0.4026** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.3768, 0.2458, 0.2421**, and the grayscale version is **64.3285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **33.8968, 0.3953, 0.4193** is the 20% darker color. If you saturate the color by 10%, you get **61.9558, 0.3995, 0.4206**, and if you desaturate by 10%, it is **69.4525, 0.3613, 0.3835**.

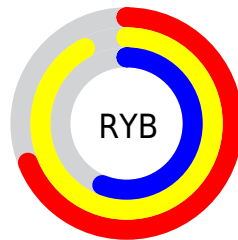
Distribution



Red (92%)

Green (82%)

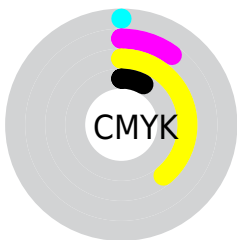
Blue (56%)



Red (69%)

Yellow (92%)

Blue (56%)

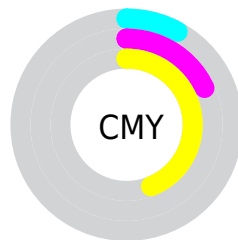


Cyan (0%)

Magenta (10%)

Yellow (39%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5688, 0.3802, 0.4026 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 65.5688, 0.3802, 0.4026 by changing the saturation by 10% instead.


 65.5688, 0.3802,
0.4026


 65.5688, 0.3802,
0.4026


444.8332, 0.3490,
0.3684

 47.9224, 0.3872,
0.4103


 112.8672, 0.3695,
0.3908

 33.7655, 0.3956,
0.4196


 143.2881, 0.3653,
0.3862

 22.7135, 0.4060,
0.4311

178.7359, 0.3616,
0.3822

 14.3821, 0.4189,
0.4455

219.5951, 0.3585,
0.3788

 8.3869, 0.4350,
0.4636

266.2500, 0.3557,
0.3757

 4.3435, 0.4587,
0.4904

319.0851, 0.3532,

 1.8675, 0.4820,

0.3730

0.5180

378.4846, 0.3510,
0.3706

■ 0.5287, 0.4757,
0.5243

■ 0.0000, 0.0000,
0.0000

■ 65.5688, 0.3802,
0.4026

■ 65.5688, 0.3802,
0.4026

■ 61.9558, 0.3995,
0.4206

■ 69.4525, 0.3613,
0.3835

■ 58.5937, 0.4184,
0.4365

■ 73.6074, 0.3433,
0.3641

■ 55.4740, 0.4362,
0.4493

■ 78.0457, 0.3265,
0.3452

■ 52.5837, 0.4520,
0.4578

■ 82.7760, 0.3111,
0.3270

■ 49.9074, 0.4649,
0.4615

■ 87.4827, 0.2999,
0.3148

■ 47.4229, 0.4748,
0.4606

■ 91.1813, 0.2999,
0.3209

■ 47.1528, 0.4759,
0.4603

■ 95.0040, 0.2999,
0.3271

■ 96.2222, 0.2999,
0.3290

Harmonies

Analogous

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



65.5688, 0.4015, 0.3757



65.5688, 0.3802, 0.4026



65.5688, 0.3413, 0.4105

Triad

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



65.5688, 0.3802, 0.4026



65.5688, 0.2346, 0.3080



65.5688, 0.3244, 0.2760

Complementary

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



65.5688, 0.3802, 0.4026



39.3768, 0.2458, 0.2421

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.



65.5688, 0.2798, 0.2590



65.5688, 0.3802, 0.4026



65.5688, 0.2307, 0.2743

Square

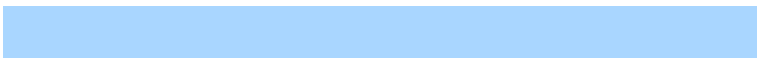
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.5688, 0.3802, 0.4026



65.5688, 0.2578, 0.3523



65.5688, 0.2466, 0.2578



65.5688, 0.3685, 0.3048

Rectangle

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



65.5688, 0.3802, 0.4026



65.5688, 0.3113, 0.4011



65.5688, 0.2466, 0.2578



65.5688, 0.3089, 0.2688

Sweetspot

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



65.5718, 0.3802, 0.4026



93.1575, 0.3317, 0.3511



39.9228, 0.3833, 0.3016



19.7868, 0.3339, 0.3536



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.



65.5718, 0.3802, 0.4026



76.0512, 0.3963, 0.4178



74.8979, 0.3551, 0.4309



16.9178, 0.3274, 0.3463



26.7284, 0.4748, 0.4612



2.2541, 0.4654, 0.4687

Inverse Universe

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



39.3768, 0.2458, 0.2421



39.8963, 0.2300, 0.2194



33.4937, 0.2571, 0.2152



15.1929, 0.2980, 0.3111



5.4196, 0.1588, 0.0917



0.5783, 0.1662, 0.1181

Previews

White Background



This preview shows how the Yxy color 65.5688, 0.3802, 0.4026 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 65.5688, 0.3802, 0.4026 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 65.5688, 0.3802, 0.4026

Background



This preview shows how black text looks on a background with the Yxy color 65.5688, 0.3802, 0.4026.



This preview shows how white text looks on a background with the Yxy color 65.5688, 0.3802, 0.4026.

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

65.5688, 0.3802, 0.4026

Protanopia

65.7586, 0.3747, 0.4046

Deuteranopia

65.6389, 0.3974, 0.3895



Tritanopia

65.6084, 0.3337, 0.3132

Trichromacy



Original Color

65.5688, 0.3802, 0.4026

Protanomaly

65.5911, 0.3767, 0.4032

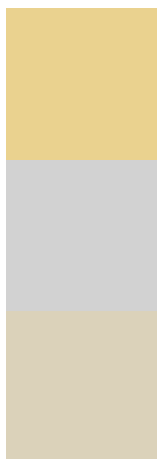
Deuteranomaly

65.7491, 0.3910, 0.3949

Tritanomaly

65.2106, 0.3515, 0.3454

Monochromacy



Original Color

65.5688, 0.3802, 0.4026

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.6984, 0.3367, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5688, 0.3802, 0.4026 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(234, 210, 143)` looks like.

```
.text, #text, p{  
    color:rgb(234, 210, 143)  
}
```

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(234, 210, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 210, 143) }
```

Border

The CSS property to change the border of an element to Yxy 65.5688, 0.3802, 0.4026 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(234, 210, 143) }
```

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

```
.border{ border-color:rgb(234, 210, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 210, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 210, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 210, 143);  
box-shadow:4px 4px 4px 4px rgb(234, 210,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5688, 0.3802, 0.4026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 210, 143) }
```

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

```
.background{ background-color: rgb(234,  
210, 143) }
```

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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