

Converting Colors

$Yxy(71.0105, 0.3548, 0.3774)$

Have a look what the booklet for
Yxy(71.0105, 0.3548, 0.3774)
contains.

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Color

Yxy(71.2115, 0.3552, 0.3780)

Conversions

Conversions Part 1

Format	Color
Hex	EADBAE
RGB	234, 219, 174
RGB Percent	92%, 86%, 68%
CMY	0.0821, 0.1412, 0.3176
CMYK	0.00, 0.06, 0.26, 0.08
HSL	45°, 59%, 80%
HSV	45°, 26%, 92%
XYZ	66.9162, 71.2115, 50.2625
YIQ	218.3550, 23.3850, -10.8150

Conversions

Conversions Part 2

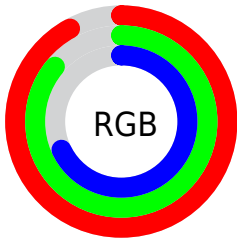
Format	Color
RYB	194, 234, 174
Decimal	15391662
CIELab	87.59, -1.70, 24.03
CIELCh	88, 24.089, 94.036
Yxy	71.2115, 0.3552, 0.3780
Android (android.graphics.Color)	4293581742 (0xFFEADBAE)
YUV	218.3550, -21.8670, 13.7207
Hunter-Lab	84.3869, -6.1321, 23.7565

Details

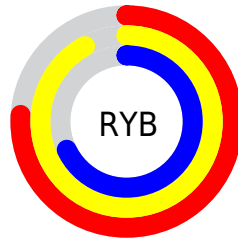
The Yxy color **71.2115, 0.3552, 0.3780** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.3663, 0.2702, 0.2746**, and the grayscale version is **70.5167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **37.3964, 0.3657, 0.3898** is the 20% darker color. If you saturate the color by 10%, you get **67.3702, 0.3737, 0.3975**, and if you desaturate by 10%, it is **75.3264, 0.3377, 0.3584**.

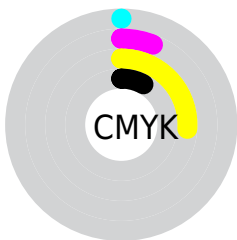
Distribution



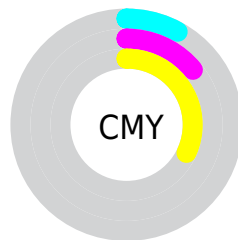
- Red (92%)
- Green (86%)
- Blue (68%)



- Red (76%)
- Yellow (92%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (8%)





- Cyan (8%)
- Magenta (14%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2115, 0.3552, 0.3780 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 71.2115, 0.3552, 0.3780 by changing the saturation by 10% instead.


 71.2115, 0.3552,
0.3780

 71.2115, 0.3552,
0.3780


464.7924, 0.3356,
0.3553

 52.5148, 0.3596,
0.3832


 120.9348, 0.3484,
0.3701

 37.4156, 0.3651,
0.3896

152.7303, 0.3458,
0.3670

 25.5294, 0.3719,
0.3976


189.6607, 0.3435,
0.3644

 16.4719, 0.3806,
0.4080

232.1106, 0.3415,
0.3621

 9.8587, 0.3921,
0.4218

280.4644, 0.3398,
0.3601

 5.3054, 0.4079,
0.4410

335.1063, 0.3382,

 2.4275, 0.4372,

0.3583

0.4765

396.4209, 0.3368,
0.3567

0.8400, 0.4740,
0.5260

0.0000, 0.0000,
0.0000

71.2115, 0.3552,
0.3780

71.2115, 0.3552,
0.3780

67.3702, 0.3737,
0.3975

75.3264, 0.3377,
0.3584

63.7835, 0.3926,
0.4163

79.7139, 0.3213,
0.3394

60.4444, 0.4114,
0.4332

84.3855, 0.3064,
0.3213

57.3420, 0.4293,
0.4472

88.5091, 0.3000,
0.3165

■ 54.4637, 0.4453,
0.4574

■ 92.0698, 0.3000,
0.3224

■ 51.7954, 0.4587,
0.4629

■ 95.7439, 0.3000,
0.3282

■ 49.3197, 0.4690,
0.4635

■ 96.2415, 0.3000,
0.3290

■ 48.2930, 0.4728,
0.4628

Harmonies

Analogous

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



71.2115, 0.3696, 0.3626



71.2115, 0.3552, 0.3780



71.2115, 0.3296, 0.3802

Triad

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



71.2115, 0.3552, 0.3780



71.2115, 0.2603, 0.3142



71.2115, 0.3233, 0.2951

Complementary

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



71.2115, 0.3552, 0.3780



51.3663, 0.2702, 0.2746

Split Complementary

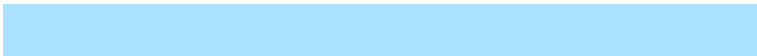
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.2115, 0.2939, 0.2828



71.2115, 0.3552, 0.3780



71.2115, 0.2587, 0.2924

Square

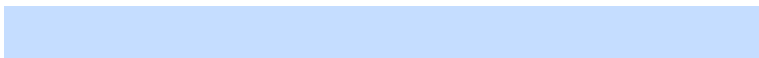
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2115, 0.3552, 0.3780



71.2115, 0.2752, 0.3418



71.2115, 0.2707, 0.2816



71.2115, 0.3508, 0.3154

Rectangle

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



71.2115, 0.3552, 0.3780



71.2115, 0.3100, 0.3729



71.2115, 0.2707, 0.2816



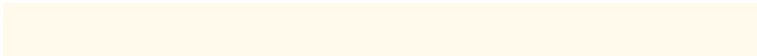
71.2115, 0.3133, 0.2899

Sweetspot

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



71.2147, 0.3552, 0.3780



95.5332, 0.3251, 0.3439



51.4926, 0.3528, 0.3112



20.2735, 0.3275, 0.3467



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.



71.2147, 0.3552, 0.3780



83.9061, 0.3652, 0.3888



77.1545, 0.3412, 0.3953



16.9498, 0.3274, 0.3466



27.3342, 0.4718, 0.4636



2.2973, 0.4630, 0.4706

Inverse Universe

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



51.3663, 0.2702, 0.2746



55.8254, 0.2601, 0.2610



46.9094, 0.2789, 0.2579



15.1629, 0.2980, 0.3108



5.2472, 0.1581, 0.0892



0.5612, 0.1654, 0.1153

Previews

White Background



This preview shows how the Yxy color 71.2115, 0.3552, 0.3780 looks on a white background.

Color Contrast Check

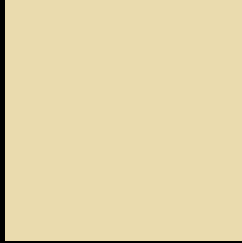
Large Text (above 18pt) WCAG AA × Fail

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 71.2115, 0.3552, 0.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

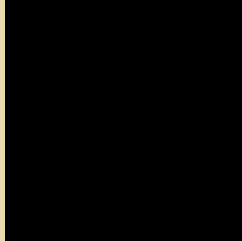
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2115, 0.3552, 0.3780

Background



This preview shows how black text looks on a background with the Yxy color 71.2115, 0.3552, 0.3780.

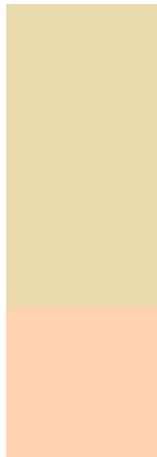


This preview shows how white text looks on a background with the Yxy color 71.2115, 0.3552, 0.3780.

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

71.2115, 0.3552, 0.3780

Protanopia

71.0427, 0.3544, 0.3782

Deuteranopia

71.0229, 0.3717, 0.3643



Tritanopia

71.3892, 0.3231, 0.3124

Trichromacy



Original Color

71.2115, 0.3552, 0.3780

Protanomaly

71.0427, 0.3544, 0.3782

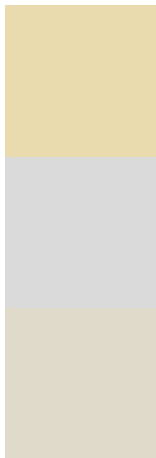
Deuteranomaly

71.0019, 0.3652, 0.3692

Tritanomaly

71.3321, 0.3347, 0.3365

Monochromacy



Original Color

71.2115, 0.3552, 0.3780

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.2544, 0.3280, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2115, 0.3552, 0.3780 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, 219, 174)` looks like.

```
.text, #text, p{  
    color:rgb(234, 219, 174)  
}
```

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, 219, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 219, 174) }
```

Border

The CSS property to change the border of an element to Yxy 71.2115, 0.3552, 0.3780 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, 219, 174) }
```

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

```
.border{ border-color:rgb(234, 219, 174) }
```

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

Here you see how a box with a 4 pixel rgb(234, 219, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 219, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 219, 174);  
box-shadow:4px 4px 4px 4px rgb(234, 219,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2115, 0.3552, 0.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 219, 174) }
```

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

```
.background{ background-color: rgb(234,  
219, 174) }
```

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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