

Converting Colors

$Yxy(74.3002, 0.3522, 0.3832)$

Have a look what the booklet for
Yxy(74.3002, 0.3522, 0.3832)
contains.

Yxy(74.2692, 0.3522, 0.3832)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.2692, 0.3522, 0.3832)

Conversions

Conversions Part 1

Format	Color
Hex	E9E1AF
RGB	233, 225, 175
RGB Percent	91%, 88%, 69%
CMY	0.0863, 0.1176, 0.3138
CMYK	0.00, 0.03, 0.25, 0.09
HSL	52°, 57%, 80%
HSV	52°, 25%, 91%
XYZ	68.2610, 74.2692, 51.2830
YIQ	221.6920, 20.8180, -13.8540

Conversions

Conversions Part 2

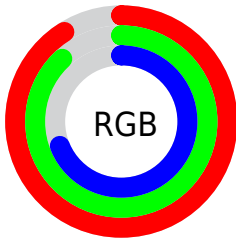
Format	Color
RYB	184, 233, 175
Decimal	15327663
CIELab	89.05, -5.04, 25.51
CIELCh	89, 26.004, 101.169
Yxy	74.2692, 0.3522, 0.3832
Android (android.graphics.Color)	4293517743 (0xFFE9E1AF)
YUV	221.6920, -23.0192, 9.9171
Hunter-Lab	86.1796, -9.4283, 25.0440

Details

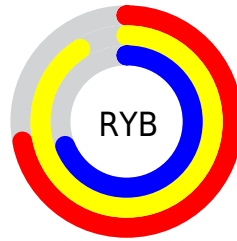
The Yxy color **74.2692, 0.3522, 0.3832** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.8387, 0.2708, 0.2683**, and the grayscale version is **72.9719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **39.5017, 0.3614, 0.3964** is the 20% darker color. If you saturate the color by 10%, you get **71.7202, 0.3690, 0.4052**, and if you desaturate by 10%, it is **77.0152, 0.3358, 0.3610**.

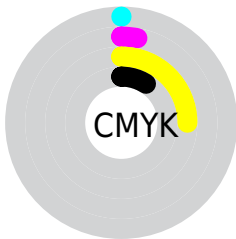
Distribution



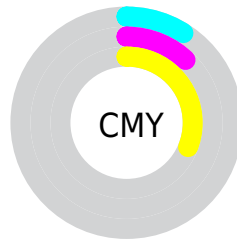
- Red (91%)
- Green (88%)
- Blue (69%)



- Red (72%)
- Yellow (91%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (25%)
- Black (9%)




- Cyan (9%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2692, 0.3522, 0.3832 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 74.2692, 0.3522, 0.3832 by changing the saturation by 10% instead.


 74.2692, 0.3522,
0.3832

 74.2692, 0.3522,
0.3832


475.4019, 0.3342,
0.3581

 55.0144, 0.3562,
0.3889


 125.2773, 0.3461,
0.3745

 39.4132, 0.3610,
0.3960


157.7995, 0.3436,
0.3711

 27.0814, 0.3671,
0.4048


195.5128, 0.3415,
0.3682

 17.6343, 0.3747,
0.4163

238.8018, 0.3397,
0.3656

 10.6878, 0.3847,
0.4316

288.0508, 0.3381,
0.3634

 5.8573, 0.3978,
0.4529

343.6443, 0.3367,

 2.7585, 0.4199,

0.3614

0.4891

405.9665, 0.3354,
0.3596

■ 1.0070, 0.4516,
0.5484

■ 0.0000, 0.0000,
0.0000

■ 74.2692, 0.3522,
0.3832

■ 74.2692, 0.3522,
0.3832

■ 71.7202, 0.3690,
0.4052

■ 77.0152, 0.3358,
0.3610

■ 69.3500, 0.3856,
0.4262

■ 79.9560, 0.3201,
0.3393

■ 67.1529, 0.4014,
0.4451

■ 83.1021, 0.3053,
0.3185

■ 65.1189, 0.4157,
0.4610

■ 85.5826, 0.2993,
0.3117

63.2369, 0.4277,
0.4731

87.4611, 0.2993,
0.3150

61.4939, 0.4371,
0.4806

89.3729, 0.2993,
0.3182

59.8741, 0.4437,
0.4836

91.3182, 0.2993,
0.3214

59.0822, 0.4462,
0.4839

93.2970, 0.2993,
0.3246

95.3097, 0.2993,
0.3278

Harmonies

Analogous

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



74.2692, 0.3710, 0.3694



74.2692, 0.3522, 0.3832



74.2692, 0.3233, 0.3818

Triad

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



74.2692, 0.3522, 0.3832



74.2692, 0.2553, 0.3067



74.2692, 0.3314, 0.2975

Complementary

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



74.2692, 0.3522, 0.3832



48.8387, 0.2708, 0.2683

Split Complementary

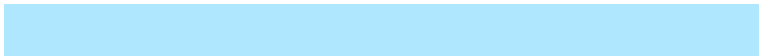
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2692, 0.2998, 0.2822



74.2692, 0.3522, 0.3832



74.2692, 0.2572, 0.2862

Square

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



74.2692, 0.3522, 0.3832



74.2692, 0.2679, 0.3355



74.2692, 0.2730, 0.2778



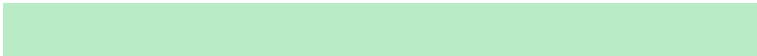
74.2692, 0.3590, 0.3204

Rectangle

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



74.2692, 0.3522, 0.3832



74.2692, 0.3024, 0.3715



74.2692, 0.2730, 0.2778



74.2692, 0.3209, 0.2914

Sweetspot

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



74.2725, 0.3522, 0.3832



97.3486, 0.3233, 0.3439



51.4194, 0.3573, 0.3193



20.7889, 0.3243, 0.3452



0.0000, 0.0000, 0.0000



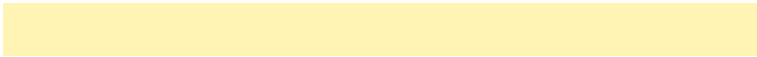
21.4041, 0.3127, 0.3290

Same Dimension

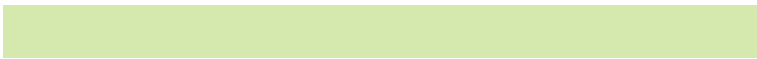
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2725, 0.3522, 0.3832



89.4914, 0.3610, 0.3948



75.4603, 0.3355, 0.3942



17.2535, 0.3271, 0.3491



33.6664, 0.4457, 0.4843



2.7410, 0.4415, 0.4876

Inverse Universe

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



48.8387, 0.2708, 0.2683



53.1435, 0.2608, 0.2532



48.1731, 0.2853, 0.2613



14.8826, 0.2980, 0.3080



4.0281, 0.1531, 0.0709



0.4218, 0.1586, 0.0910

Previews

White Background



This preview shows how the Yxy color 74.2692, 0.3522, 0.3832 looks on a white background.

Color Contrast Check

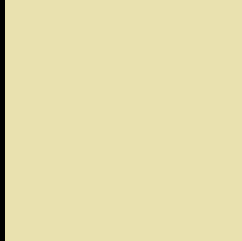
Large Text (above 18pt) WCAG AA × Fail

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 74.2692, 0.3522, 0.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

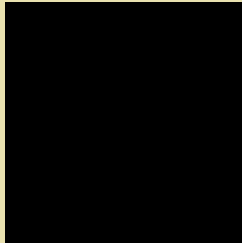
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

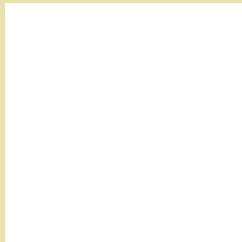
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2692, 0.3522, 0.3832

Background



This preview shows how black text looks on a background with the Yxy color 74.2692, 0.3522, 0.3832.



This preview shows how white text looks on a background with the Yxy color 74.2692, 0.3522, 0.3832.

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

74.2692, 0.3522, 0.3832

Protanopia

74.0085, 0.3572, 0.3815

Deuteranopia

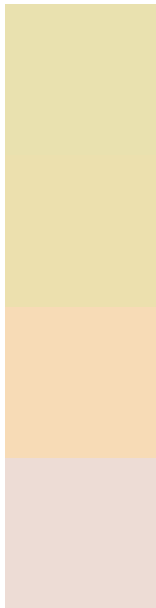
73.9169, 0.3635, 0.3599



Tritanopia

74.0915, 0.3178, 0.3115

Trichromacy



Original Color

74.2692, 0.3522, 0.3832

Protanomaly

74.2002, 0.3554, 0.3828

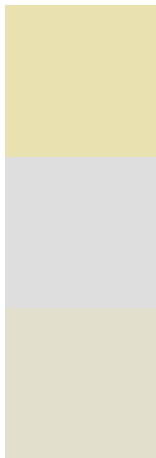
Deuteranomaly

73.8146, 0.3595, 0.3679

Tritanomaly

73.9950, 0.3298, 0.3364

Monochromacy



Original Color

74.2692, 0.3522, 0.3832

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.3519, 0.3268, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2692, 0.3522, 0.3832 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(233, 225, 175)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 175)  
}
```

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(233, 225, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 175) }
```

Border

The CSS property to change the border of an element to Yxy 74.2692, 0.3522, 0.3832 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(233, 225, 175) }
```

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

```
.border{ border-color:rgb(233, 225, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 225, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 225, 175); box-shadow:4px 4px 4px 4px rgb(233, 225, 175) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2692, 0.3522, 0.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 175) }
```

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

```
.background{ background-color: rgb(233,  
225, 175) }
```

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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