

Converting Colors

$Y_{xy}(74.2323, 0.3732, 0.4095)$

Have a look what the booklet for
Yxy(74.2323, 0.3732, 0.4095)
contains.

Yxy(74.1975, 0.3735, 0.4099)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.1975, 0.3735, 0.4099)

Conversions

Conversions Part 1

Format	Color
Hex	EEE195
RGB	238, 225, 149
RGB Percent	93%, 88%, 58%
CMY	0.0667, 0.1176, 0.4155
CMYK	0.00, 0.05, 0.37, 0.07
HSL	51°, 72%, 76%
HSV	51°, 37%, 93%
XYZ	67.6086, 74.1975, 39.2076
YIQ	220.2230, 32.1440, -20.8800

Conversions

Conversions Part 2

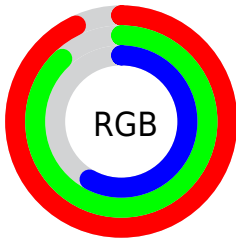
Format	Color
R _Y B	164, 238, 149
Decimal	15655317
CIE Lab	89.02, -6.32, 38.77
CIE LCh	89, 39.286, 99.261
Yxy	74.1975, 0.3735, 0.4099
Android (android.graphics.Color)	4293845397 (0xFFEEE195)
YUV	220.2230, -35.1129, 15.5904
Hunter-Lab	86.1380, -10.6391, 33.3095

Details

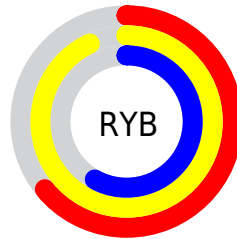
The Yxy color $74.1975, 0.3735, 0.4099$ is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be $38.4118, 0.2465, 0.2324$, and the grayscale version is $71.9700, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.1396, 0.3430, 0.3790$, and $39.4363, 0.3865, 0.4283$ is the 20% darker color. If you saturate the color by 10%, you get $71.6582, 0.3902, 0.4303$, and if you desaturate by 10%, it is $76.9371, 0.3565, 0.3882$.

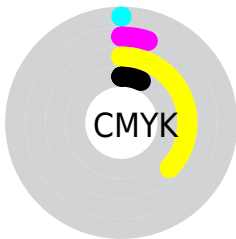
Distribution



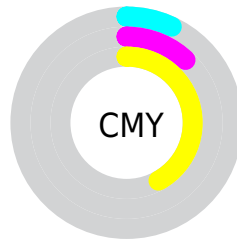
- Red (93%)
- Green (88%)
- Blue (58%)



- Red (64%)
- Yellow (93%)
- Blue (58%)



- Cyan (0%)
- Magenta (5%)
- Yellow (37%)
- Black (7%)





- Cyan (7%)
- Magenta (12%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1975, 0.3735, 0.4099 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 74.1975, 0.3735, 0.4099 by changing the saturation by 10% instead.

 74.1975, 0.3735,
0.4099


 74.1975, 0.3735,
0.4099


475.1547, 0.3463,
0.3727

 54.9557, 0.3793,
0.4182


 125.1757, 0.3643,
0.3971

 39.3663, 0.3863,
0.4282


 157.6810, 0.3607,
0.3921

 27.0448, 0.3947,
0.4406


195.3761, 0.3575,
0.3878

 17.6068, 0.4049,
0.4561

238.6456, 0.3547,
0.3840

 10.6681, 0.4171,
0.4759

287.8738, 0.3523,
0.3807

 5.8441, 0.4313,
0.5012

343.4451, 0.3501,

 2.7505, 0.4553,

0.3777

0.5447

405.7440, 0.3481,
0.3751

■ 1.0029, 0.4420,
0.5580

■ 0.0000, 0.0000,
0.0000

■ 74.1975, 0.3735,
0.4099

■ 74.1975, 0.3735,
0.4099

■ 71.6582, 0.3902,
0.4303

■ 76.9371, 0.3565,
0.3882

■ 69.2992, 0.4059,
0.4485


■ 79.8758, 0.3399,
0.3662


■ 67.1132, 0.4199,
0.4634


■ 83.0251, 0.3239,
0.3445

■ 65.0880, 0.4317,
0.4743


■ 86.3930, 0.3089,
0.3236

 63.2092, 0.4406,
0.4805

 89.1186, 0.3024,
0.3165

 61.4580, 0.4467,
0.4823

 91.2093, 0.3024,
0.3199

 61.0118, 0.4481,
0.4824

 93.3394, 0.3024,
0.3234

 95.5093, 0.3023,
0.3268

 96.9146, 0.3023,
0.3290

Harmonies

Analogous

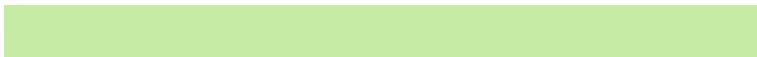
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1975, 0.4015, 0.3858



74.1975, 0.3735, 0.4099



74.1975, 0.3302, 0.4116

Triad

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



74.1975, 0.3735, 0.4099



74.1975, 0.2287, 0.2965



74.1975, 0.3373, 0.2808

Complementary

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



74.1975, 0.3735, 0.4099



38.4118, 0.2465, 0.2324

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.



74.1975, 0.2898, 0.2597



74.1975, 0.3735, 0.4099



74.1975, 0.2301, 0.2659

Square

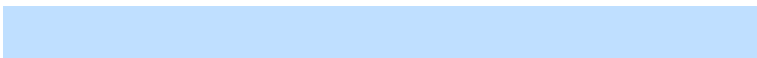
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1975, 0.3735, 0.4099



74.1975, 0.2477, 0.3409



74.1975, 0.2515, 0.2538



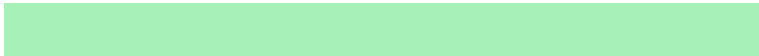
74.1975, 0.3807, 0.3130

Rectangle

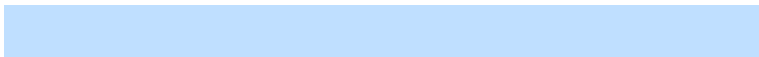
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1975, 0.3735, 0.4099



74.1975, 0.2991, 0.3971



74.1975, 0.2515, 0.2538



74.1975, 0.3212, 0.2723

Sweetspot

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



74.2009, 0.3735, 0.4099



95.7400, 0.3296, 0.3524



42.3042, 0.3905, 0.3142



20.3845, 0.3318, 0.3553



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.



74.2009, 0.3735, 0.4099



84.4608, 0.3865, 0.4260



76.5560, 0.3461, 0.4296



18.0430, 0.3272, 0.3490



34.1922, 0.4476, 0.4828



2.9506, 0.4433, 0.4862

Inverse Universe

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



38.4118, 0.2465, 0.2324



36.9281, 0.2308, 0.2081



37.4034, 0.2679, 0.2224



15.6008, 0.2980, 0.3082



4.2180, 0.1533, 0.0719



0.4642, 0.1588, 0.0915

Previews

White Background



This preview shows how the Yxy color 74.1975, 0.3735, 0.4099 looks on a white background.

Color Contrast Check

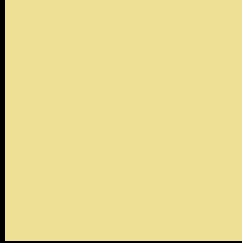
Large Text (above 18pt) WCAG AA × Fail

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 74.1975, 0.3735, 0.4099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

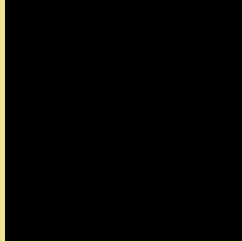
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1975, 0.3735, 0.4099

Background



This preview shows how black text looks on a background with the Yxy color 74.1975, 0.3735, 0.4099.



This preview shows how white text looks on a background with the Yxy color 74.1975, 0.3735, 0.4099.

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

74.1975, 0.3735, 0.4099

Protanopia

73.9682, 0.3788, 0.4079

Deuteranopia

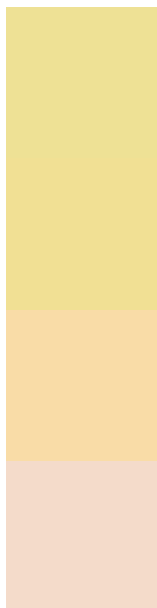
74.0600, 0.3699, 0.3702



Tritanopia

74.2012, 0.3244, 0.3117

Trichromacy



Original Color

74.1975, 0.3735, 0.4099

Protanomaly

74.1502, 0.3769, 0.4093

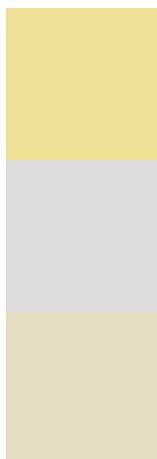
Deuteranomaly

74.1162, 0.3715, 0.3843

Tritanomaly

74.1604, 0.3429, 0.3469

Monochromacy



Original Color

74.1975, 0.3735, 0.4099

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.4685, 0.3352, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1975, 0.3735, 0.4099 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(238, 225, 149)` looks like.

```
.text, #text, p{  
  color:rgb(238, 225, 149)  
}
```

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(238, 225, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 225, 149) }
```

Border

The CSS property to change the border of an element to Yxy 74.1975, 0.3735, 0.4099 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(238, 225, 149) }
```

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

```
.border{ border-color:rgb(238, 225, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 225, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 225, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 225, 149);  
box-shadow:4px 4px 4px 4px rgb(238, 225,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1975, 0.3735, 0.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 225, 149) }
```

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

```
.background{ background-color: rgb(238,  
225, 149) }
```

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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