

Converting Colors

Yxy(71.0966, 0.3743, 0.4209)

Have a look what the booklet for
Yxy(71.0966, 0.3743, 0.4209)
contains.

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Color

Yxy(71.2683, 0.3744, 0.4217)

Conversions

Conversions Part 1

Format	Color
Hex	E5DF8A
RGB	229, 223, 138
RGB Percent	90%, 87%, 54%
CMY	0.1022, 0.1254, 0.4589
CMYK	0.00, 0.03, 0.40, 0.10
HSL	56°, 64%, 72%
HSV	56°, 40%, 90%
XYZ	63.2745, 71.2683, 34.4596
YIQ	215.1040, 30.8610, -25.1630

Conversions

Conversions Part 2

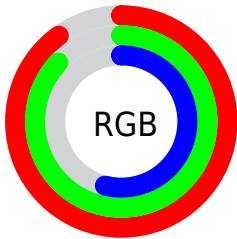
Format	Color
RYB	144, 229, 138
Decimal	15064970
CIELab	87.62, -10.03, 42.35
CIELCh	88, 43.524, 103.329
Yxy	71.2683, 0.3744, 0.4217
Android (android.graphics.Color)	4293255050 (0xFFE5DF8A)
YUV	215.1040, -38.0123, 12.1868
Hunter-Lab	84.4206, -13.9475, 34.8928

Details

The Yxy color **71.2683, 0.3744, 0.4217** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.9750, 0.2404, 0.2154**, and the grayscale version is **68.2723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6303, 0.3496, 0.3900**, and **37.4478, 0.3871, 0.4434** is the 20% darker color. If you saturate the color by 10%, you get **69.8837, 0.3891, 0.4429**, and if you desaturate by 10%, it is **72.8062, 0.3588, 0.3988**.

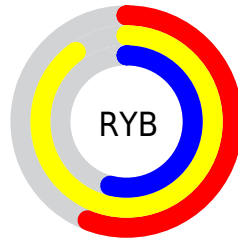
Distribution



Red (90%)

Green (87%)

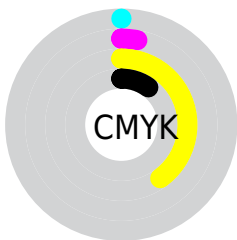
Blue (54%)



Red (56%)

Yellow (90%)

Blue (54%)

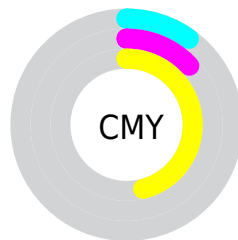


Cyan (0%)

Magenta (3%)

Yellow (40%)

Black (10%)



Cyan (10%)


Magenta (13%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2683, 0.3744, 0.4217 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 71.2683, 0.3744, 0.4217 by changing the saturation by 10% instead.


 71.2683, 0.3744,
0.4217

 71.2683, 0.3744,
0.4217


464.9908, 0.3470,
0.3786


 52.5612, 0.3802,
0.4314


 121.0157, 0.3653,
0.4068

 37.4526, 0.3870,
0.4431


 152.8247, 0.3616,
0.4010

 25.5581, 0.3950,
0.4576


 189.7699, 0.3584,
0.3960

 16.4933, 0.4044,
0.4758

232.2355, 0.3556,
0.3916

 9.8739, 0.4149,
0.4987

280.6060, 0.3531,
0.3878

 5.3154, 0.4299,
0.5332

335.2658, 0.3508,

 2.4335, 0.4339,

0.3844

0.5661

396.5993, 0.3488,
0.3813

0.8430, 0.3976,
0.6024

0.0000, 0.0000,
0.0000

71.2683, 0.3744,
0.4217

71.2683, 0.3744,
0.4217

69.8837, 0.3891,
0.4429

72.8062, 0.3588,
0.3988

68.6337, 0.4023,
0.4614

74.4958, 0.3430,
0.3750

67.5117, 0.4134,
0.4763

76.3477, 0.3273,
0.3514

66.5065, 0.4220,
0.4870


78.3690, 0.3123,
0.3284


 65.6046, 0.4278,
0.4932


 80.5661, 0.2982,
0.3065


 64.7836, 0.4313,
0.4957

 81.5643, 0.2967,
0.3056

 64.7618, 0.4313,
0.4957

 82.4070, 0.2967,
0.3071

 83.2569, 0.2967,
0.3086

 84.1139, 0.2967,
0.3102

Harmonies

Analogous

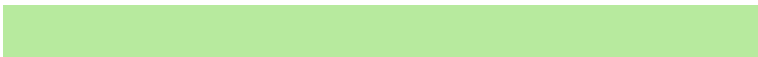
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2683, 0.4092, 0.3964



71.2683, 0.3744, 0.4217



71.2683, 0.3247, 0.4204

Triad

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



71.2683, 0.3744, 0.4217



71.2683, 0.2182, 0.2862



71.2683, 0.3474, 0.2797

Complementary

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



71.2683, 0.3744, 0.4217



30.9750, 0.2404, 0.2154

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.



71.2683, 0.2936, 0.2544



71.2683, 0.3744, 0.4217



71.2683, 0.2229, 0.2554

Square

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



71.2683, 0.3744, 0.4217



71.2683, 0.2359, 0.3347



71.2683, 0.2492, 0.2453



71.2683, 0.3944, 0.3162

Rectangle

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



71.2683, 0.3744, 0.4217



71.2683, 0.2901, 0.4012



71.2683, 0.2492, 0.2453



71.2683, 0.3293, 0.2697

Sweetspot

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



71.2716, 0.3744, 0.4217



96.9189, 0.3309, 0.3569



36.8371, 0.4060, 0.3222



20.6769, 0.3330, 0.3600



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.



71.2716, 0.3744, 0.4217



89.4823, 0.3871, 0.4400



68.7301, 0.3423, 0.4380



16.6480, 0.3269, 0.3507



37.1167, 0.4311, 0.4959



2.7916, 0.4292, 0.4974

Inverse Universe

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



30.9750, 0.2404, 0.2154



31.0972, 0.2225, 0.1864



33.2213, 0.2709, 0.2172



14.0370, 0.2980, 0.3063



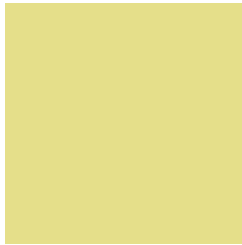
3.4884, 0.1512, 0.0642



0.3111, 0.1544, 0.0758

Previews

White Background



This preview shows how the Yxy color 71.2683, 0.3744, 0.4217 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 71.2683, 0.3744, 0.4217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

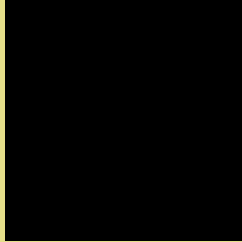
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2683, 0.3744, 0.4217

Background



This preview shows how black text looks on a background with the Yxy color 71.2683, 0.3744, 0.4217.



This preview shows how white text looks on a background with the Yxy color 71.2683, 0.3744, 0.4217.

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

71.2683, 0.3744, 0.4217

Protanopia

71.3433, 0.3842, 0.4172

Deuteranopia

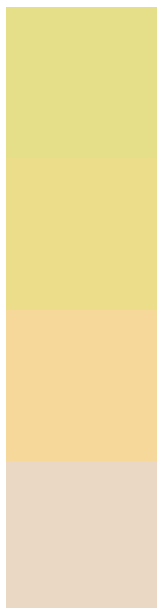
70.9913, 0.3818, 0.3797



Tritanopia

71.0948, 0.3209, 0.3113

Trichromacy



Original Color

71.2683, 0.3744, 0.4217

Protanomaly

71.1812, 0.3806, 0.4192

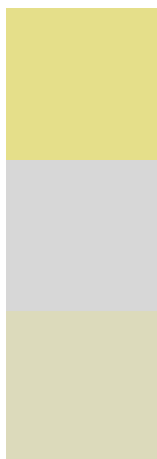
Deuteranomaly

71.0377, 0.3797, 0.3944

Tritanomaly

70.7594, 0.3408, 0.3506

Monochromacy



Original Color

71.2683, 0.3744, 0.4217

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.9463, 0.3354, 0.3639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2683, 0.3744, 0.4217 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(229, 223, 138)` looks like.

```
.text, #text, p{  
    color:rgb(229, 223, 138)  
}
```

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(229, 223, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 138) }
```

Border

The CSS property to change the border of an element to Yxy 71.2683, 0.3744, 0.4217 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(229, 223, 138) }
```

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

```
.border{ border-color:rgb(229, 223, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 223, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 223, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 223, 138); box-shadow:4px 4px 4px 4px rgb(229, 223, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2683, 0.3744, 0.4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 138) }
```

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

```
.background{ background-color: rgb(229,  
223, 138) }
```

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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