

Converting Colors

Yxy(71.6165, 0.3544, 0.3999)

Have a look what the booklet for
Yxy(71.6165, 0.3544, 0.3999)
contains.

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Color

Yxy(71.5725, 0.3543, 0.3992)

Conversions

Conversions Part 1

Format	Color
Hex	DFE0A1
RGB	223, 224, 161
RGB Percent	87%, 88%, 63%
CMY	0.1255, 0.1216, 0.3685
CMYK	0.00, 0.00, 0.28, 0.12
HSL	61°, 50%, 75%
HSV	61°, 28%, 88%
XYZ	63.5224, 71.5725, 44.1949
YIQ	216.5190, 19.6270, -19.8050

Conversions

Conversions Part 2

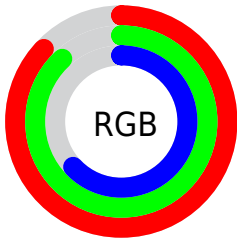
Format	Color
RYB	161, 224, 162
Decimal	14672033
CIELab	87.76, -10.10, 30.82
CIELCh	88, 32.432, 108.144
Yxy	71.5725, 0.3543, 0.3992
Android (android.graphics.Color)	4292862113 (0xFFDFE0A1)
YUV	216.5190, -27.3709, 5.6838
Hunter-Lab	84.6005, -14.0240, 28.2475

Details

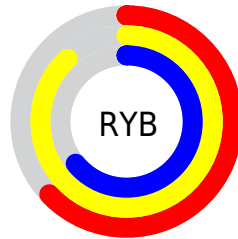
The Yxy color **71.5725, 0.3543, 0.3992** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.5637, 0.2644, 0.2480**, and the grayscale version is **69.2256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **37.6956, 0.3630, 0.4161** is the 20% darker color. If you saturate the color by 10%, you get **70.7983, 0.3687, 0.4237**, and if you desaturate by 10%, it is **72.4948, 0.3394, 0.3740**.

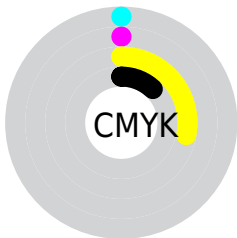
Distribution



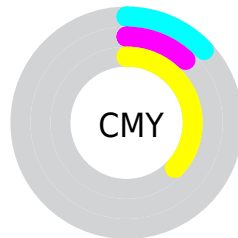
- Red (87%)
- Green (88%)
- Blue (63%)



- Red (63%)
- Yellow (88%)
- Blue (64%)



- Cyan (0%)
- Magenta (0%)
- Yellow (28%)
- Black (12%)





- Cyan (13%)
- Magenta (12%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5725, 0.3543, 0.3992 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 71.5725, 0.3543, 0.3992 by changing the saturation by 10% instead.


 71.5725, 0.3543,
0.3992

 71.5725, 0.3543,
0.3992


466.0523, 0.3356,
0.3662

 52.8095, 0.3584,
0.4068


 121.4485, 0.3479,
0.3877

 37.6507, 0.3633,
0.4162


 153.3304, 0.3454,
0.3832

 25.7117, 0.3693,
0.4280


190.3540, 0.3432,
0.3794

 16.6081, 0.3767,
0.4434

232.9038, 0.3413,
0.3761

 9.9555, 0.3858,
0.4640

281.3641, 0.3396,
0.3731

 5.3694, 0.3967,
0.4923

336.1194, 0.3381,

 2.4656, 0.4337,

0.3705

0.5663

397.5539, 0.3368,
0.3682

0.8593, 0.3989,
0.6011

0.0000, 0.0000,
0.0000

71.5725, 0.3543,
0.3992

71.5725, 0.3543,
0.3992

70.7983, 0.3687,
0.4237

72.4948, 0.3394,
0.3740

70.1551, 0.3820,
0.4464

73.5626, 0.3245,
0.3489

69.6377, 0.3937,
0.4664

74.7856, 0.3100,
0.3245

69.2371, 0.4031,
0.4829

76.1699, 0.2963,
0.3013

68.9427, 0.4101,
0.4951

76.5056, 0.2938,
0.2970

68.7423, 0.4144,
0.5030

76.5627, 0.2941,
0.2970

68.6185, 0.4163,
0.5069

76.6200, 0.2943,
0.2971

68.5987, 0.4165,
0.5075

76.6773, 0.2945,
0.2971

76.7348, 0.2948,
0.2971

Harmonies

Analogous

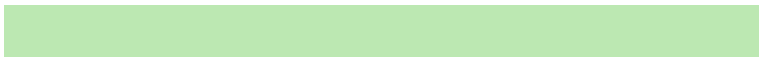
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5725, 0.3822, 0.3847



71.5725, 0.3543, 0.3992



71.5725, 0.3163, 0.3930

Triad

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



71.5725, 0.3543, 0.3992



71.5725, 0.2401, 0.2932



71.5725, 0.3452, 0.2956

Complementary

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



71.5725, 0.3543, 0.3992



38.5637, 0.2644, 0.2480

Split Complementary

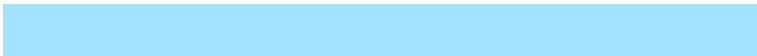
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.5725, 0.3052, 0.2742



71.5725, 0.3543, 0.3992



71.5725, 0.2465, 0.2713

Square

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



71.5725, 0.3543, 0.3992



71.5725, 0.2515, 0.3278



71.5725, 0.2696, 0.2652



71.5725, 0.3774, 0.3252

Rectangle

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



71.5725, 0.3543, 0.3992



71.5725, 0.2906, 0.3768



71.5725, 0.2696, 0.2652



71.5725, 0.3321, 0.2874

Sweetspot

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



71.5757, 0.3543, 0.3992



98.6937, 0.3244, 0.3487



43.9198, 0.3742, 0.3292



21.0752, 0.3267, 0.3525



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.



71.5757, 0.3543, 0.3992



95.3583, 0.3632, 0.4143



67.1608, 0.3313, 0.4048



16.0179, 0.3265, 0.3522



39.9332, 0.4166, 0.5074



2.7715, 0.4170, 0.5071

Inverse Universe

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



38.5637, 0.2644, 0.2480



43.8462, 0.2519, 0.2272



42.1535, 0.2890, 0.2534



13.2536, 0.2983, 0.3048



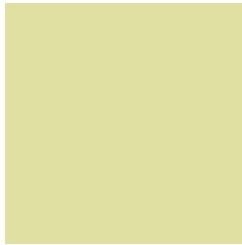
3.1506, 0.1505, 0.0603



0.2221, 0.1520, 0.0611

Previews

White Background



This preview shows how the Yxy color 71.5725, 0.3543, 0.3992 looks on a white background.

Color Contrast Check

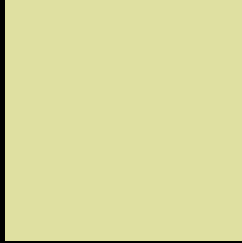
Large Text (above 18pt) WCAG AA × Fail

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 71.5725, 0.3543, 0.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

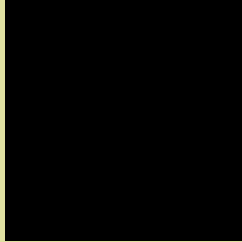
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

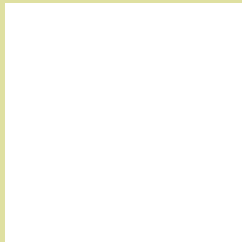
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5725, 0.3543, 0.3992

Background



This preview shows how black text looks on a background with the Yxy color 71.5725, 0.3543, 0.3992.



This preview shows how white text looks on a background with the Yxy color 71.5725, 0.3543, 0.3992.

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

71.5725, 0.3543, 0.3992

Protanopia

71.6941, 0.3677, 0.3948

Deuteranopia

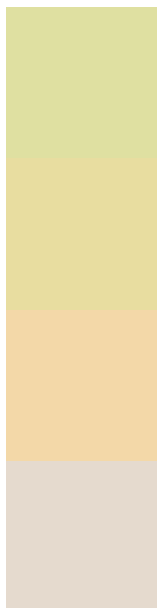
71.3255, 0.3751, 0.3704



Tritanopia

71.5829, 0.3136, 0.3111

Trichromacy



Original Color

71.5725, 0.3543, 0.3992

Protanomaly

71.4068, 0.3628, 0.3957

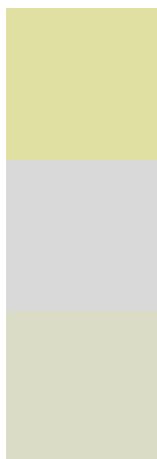
Deuteranomaly

70.9936, 0.3673, 0.3802

Tritanomaly

71.2571, 0.3289, 0.3421

Monochromacy



Original Color

71.5725, 0.3543, 0.3992

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.2777, 0.3275, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5725, 0.3543, 0.3992 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(223, 224, 161)` looks like.

```
.text, #text, p{  
    color:rgb(223, 224, 161)  
}
```

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(223, 224, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 224, 161) }
```

Border

The CSS property to change the border of an element to Yxy 71.5725, 0.3543, 0.3992 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(223, 224, 161) }
```

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

```
.border{ border-color:rgb(223, 224, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 224, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 224, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 224, 161);  
box-shadow:4px 4px 4px 4px rgb(223, 224,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5725, 0.3543, 0.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 224, 161) }
```

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

```
.background{ background-color: rgb(223,  
224, 161) }
```

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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