

Converting Colors

$Yxy(65.5679, 0.3721, 0.4057)$

Have a look what the booklet for
Yxy(65.5679, 0.3721, 0.4057)
contains.

Yxy(65.7709, 0.3719, 0.4063)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.7709, 0.3719, 0.4063)

Conversions

Conversions Part 1

Format	Color
Hex	E2D590
RGB	226, 213, 144
RGB Percent	89%, 84%, 56%
CMY	0.1135, 0.1647, 0.4353
CMYK	0.00, 0.06, 0.36, 0.11
HSL	50°, 59%, 73%
HSV	50°, 36%, 89%
XYZ	60.2023, 65.7709, 35.9045
YIQ	209.0210, 29.8970, -18.7030

Conversions

Conversions Part 2

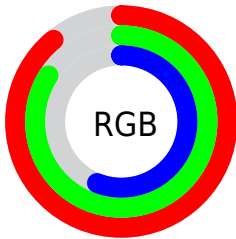
Format	Color
R_{YB}	159, 226, 144
Decimal	14865808
CIE _{Lab}	84.88, -5.43, 35.76
CIE _{LCh}	85, 36.165, 98.628
Yxy	65.7709, 0.3719, 0.4063
Android (android.graphics.Color)	4293055888 (0xFFE2D590)
YUV	209.0210, -32.0554, 14.8906
Hunter-Lab	81.0993, -9.4180, 30.5205

Details

The Yxy color **65.7709, 0.3719, 0.4063** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.5522, 0.2491, 0.2374**, and the grayscale version is **63.9782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **34.0216, 0.3839, 0.4249** is the 20% darker color. If you saturate the color by 10%, you get **63.3615, 0.3889, 0.4266**, and if you desaturate by 10%, it is **68.3648, 0.3548, 0.3849**.

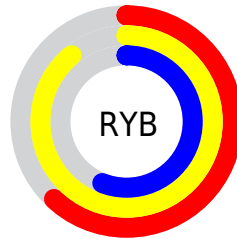
Distribution



Red (89%)

Green (84%)

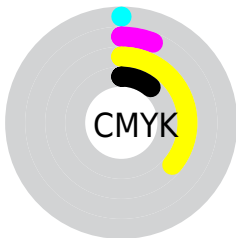
Blue (56%)



Red (62%)

Yellow (89%)

Blue (56%)

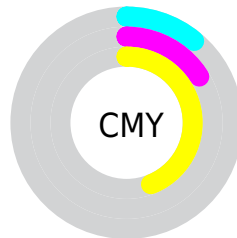


Cyan (0%)

Magenta (6%)

Yellow (36%)

Black (11%)



Cyan (11%)


Magenta (16%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7709, 0.3719, 0.4063 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 65.7709, 0.3719, 0.4063 by changing the saturation by 10% instead.

 65.7709, 0.3719,
0.4063

 65.7709, 0.3719,
0.4063


445.5571, 0.3447,
0.3700

 48.0864, 0.3779,
0.4146

 113.1575, 0.3626,
0.3937

 33.8954, 0.3851,
0.4247


 143.6283, 0.3590,
0.3888

 22.8132, 0.3940,
0.4374


179.1302, 0.3558,
0.3845

 14.4556, 0.4049,
0.4535

220.0473, 0.3530,
0.3809

 8.4383, 0.4182,
0.4744

266.7642, 0.3506,
0.3776

 4.3766, 0.4372,
0.5052

319.6652, 0.3484,

 1.8864, 0.4562,

0.3748

0.5438

379.1347, 0.3465,
0.3722

■ 0.5402, 0.4136,
0.5864

■ 0.0000, 0.0000,
0.0000

■ 65.7709, 0.3719,
0.4063

■ 65.7709, 0.3719,
0.4063

■ 63.3615, 0.3889,
0.4266

■ 68.3648, 0.3548,
0.3849

■ 61.1191, 0.4050,
0.4449


■ 71.1420, 0.3381,
0.3632

■ 59.0371, 0.4197,
0.4601

■ 74.1129, 0.3222,
0.3420

■ 57.1050, 0.4322,
0.4713


■ 77.2844, 0.3073,
0.3216

 55.3103, 0.4419,
0.4779


 80.5322, 0.2948,
0.3044


 53.6376, 0.4488,
0.4800

 82.5656, 0.2949,
0.3081

 53.0396, 0.4509,
0.4802

 84.6407, 0.2949,
0.3118

 86.7576, 0.2950,
0.3155

 88.9165, 0.2951,
0.3192

Harmonies

Analogous

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



65.7709, 0.3982, 0.3831



65.7709, 0.3719, 0.4063



65.7709, 0.3306, 0.4082

Triad

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



65.7709, 0.3719, 0.4063



65.7709, 0.2321, 0.2988



65.7709, 0.3354, 0.2821

Complementary

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



65.7709, 0.3719, 0.4063



35.5522, 0.2491, 0.2374

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.



65.7709, 0.2899, 0.2620



65.7709, 0.3719, 0.4063



65.7709, 0.2331, 0.2689

Square

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



65.7709, 0.3719, 0.4063



65.7709, 0.2509, 0.3415



65.7709, 0.2533, 0.2568



65.7709, 0.3771, 0.3130

Rectangle

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



65.7709, 0.3719, 0.4063



65.7709, 0.3007, 0.3946



65.7709, 0.2533, 0.2568



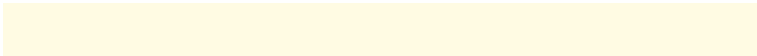
65.7709, 0.3199, 0.2740

Sweetspot

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



65.7739, 0.3719, 0.4063



95.5092, 0.3297, 0.3520



38.5781, 0.3855, 0.3131



20.3292, 0.3319, 0.3549



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.



65.7739, 0.3719, 0.4063



83.8928, 0.3855, 0.4227



68.5310, 0.3462, 0.4259



15.6387, 0.3271, 0.3486



30.3913, 0.4503, 0.4806



2.2075, 0.4448, 0.4850

Inverse Universe

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



35.5522, 0.2491, 0.2374



38.4091, 0.2332, 0.2131



34.1349, 0.2685, 0.2258



13.5937, 0.2981, 0.3087



3.9627, 0.1539, 0.0739



0.3845, 0.1607, 0.0986

Previews

White Background



This preview shows how the Yxy color 65.7709, 0.3719, 0.4063 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 65.7709, 0.3719, 0.4063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

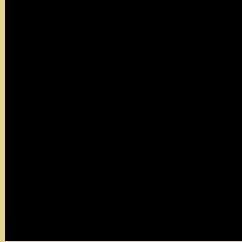
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

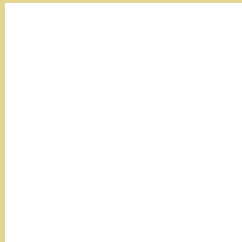
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7709, 0.3719, 0.4063

Background



This preview shows how black text looks on a background with the Yxy color 65.7709, 0.3719, 0.4063.



This preview shows how white text looks on a background with the Yxy color 65.7709, 0.3719, 0.4063.

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

65.7709, 0.3719, 0.4063

Protanopia

65.9236, 0.3755, 0.4044

Deuteranopia

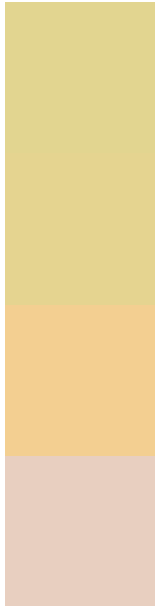
65.6698, 0.3966, 0.3884



Tritanopia

65.4885, 0.3258, 0.3119

Trichromacy



Original Color

65.7709, 0.3719, 0.4063

Protanomaly

65.7586, 0.3747, 0.4046

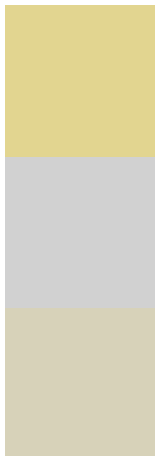
Deuteranomaly

65.7247, 0.3874, 0.3955

Tritanomaly

65.5872, 0.3430, 0.3456

Monochromacy



Original Color

65.7709, 0.3719, 0.4063

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.0430, 0.3343, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7709, 0.3719, 0.4063 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(226, 213, 144)` looks like.

```
.text, #text, p{  
    color:rgb(226, 213, 144)  
}
```

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(226, 213, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 213, 144) }
```

Border

The CSS property to change the border of an element to Yxy 65.7709, 0.3719, 0.4063 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(226, 213, 144) }
```

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

```
.border{ border-color:rgb(226, 213, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 213, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 213, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 213, 144); box-shadow:4px 4px 4px 4px rgb(226, 213, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7709, 0.3719, 0.4063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 213, 144) }
```

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

```
.background{ background-color: rgb(226,  
213, 144) }
```

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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