

Converting Colors

Yxy(66.1401, 0.3626, 0.3957)

Have a look what the booklet for
Yxy(66.1401, 0.3626, 0.3957)
contains.

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Color

Yxy(66.3070, 0.3621, 0.3956)

Conversions

Conversions Part 1

Format	Color
Hex	E0D69B
RGB	224, 214, 155
RGB Percent	88%, 84%, 61%
CMY	0.1218, 0.1607, 0.3921
CMYK	0.00, 0.04, 0.31, 0.12
HSL	51°, 53%, 74%
HSV	51°, 31%, 88%
XYZ	60.6920, 66.3070, 40.6122
YIQ	210.2640, 24.8990, -16.2290

Conversions

Conversions Part 2

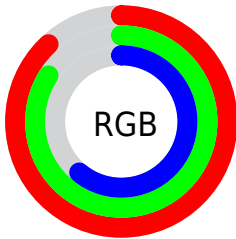
Format	Color
RYB	167, 224, 155
Decimal	14735003
CIELab	85.15, -5.44, 30.43
CIElCh	85, 30.917, 100.139
Yxy	66.3070, 0.3621, 0.3956
Android (android.graphics.Color)	4292925083 (0xFFE0D69B)
YUV	210.2640, -27.2452, 12.0465
Hunter-Lab	81.4291, -9.4585, 27.4299

Details

The Yxy color **66.3070, 0.3621, 0.3956** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.2349, 0.2597, 0.2522**, and the grayscale version is **64.7994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **34.1004, 0.3740, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **64.0095, 0.3789, 0.4169**, and if you desaturate by 10%, it is **68.7824, 0.3454, 0.3736**.

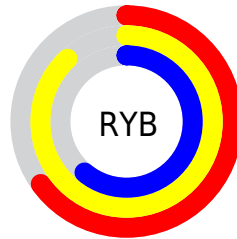
Distribution



Red (88%)

Green (84%)

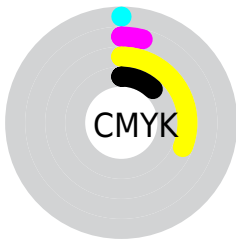
Blue (61%)



Red (65%)

Yellow (88%)

Blue (61%)

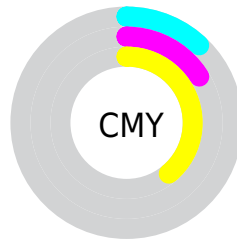


Cyan (0%)

Magenta (4%)

Yellow (31%)

Black (12%)



Cyan (12%)


Magenta (16%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3070, 0.3621, 0.3956 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 66.3070, 0.3621, 0.3956 by changing the saturation by 10% instead.


 66.3070, 0.3621,
0.3956


 66.3070, 0.3621,
0.3956


447.4740, 0.3393,
0.3642

 48.5217, 0.3672,
0.4028

 113.9268, 0.3543,
0.3846

 34.2402, 0.3734,
0.4118


 144.5301, 0.3512,
0.3804

 23.0782, 0.3811,
0.4231


180.1749, 0.3485,
0.3767

 14.6512, 0.3908,
0.4377

221.2455, 0.3462,
0.3735

 8.5750, 0.4031,
0.4571

268.1263, 0.3442,
0.3708

 4.4650, 0.4186,
0.4835

321.2017, 0.3424,

 1.9369, 0.4564,

0.3683

0.5436

380.8562, 0.3408,
0.3661

0.5704, 0.4178,
0.5822

0.0000, 0.0000,
0.0000

66.3070, 0.3621,
0.3956

66.3070, 0.3621,
0.3956

64.0095, 0.3789,
0.4169

68.7824, 0.3454,
0.3736

61.8730, 0.3953,
0.4367


71.4339, 0.3292,
0.3518

59.8917, 0.4104,
0.4539

74.2715, 0.3139,
0.3306

58.0561, 0.4237,
0.4676


77.3014, 0.2996,
0.3105


 56.3551, 0.4345,
0.4770

 79.7340, 0.2934,
0.3034


 54.7756, 0.4424,
0.4818

 81.5470, 0.2935,
0.3068

 53.4072, 0.4476,
0.4828

 83.3935, 0.2936,
0.3102

 85.2736, 0.2937,
0.3135

 87.1873, 0.2937,
0.3168

Harmonies

Analogous

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



66.3070, 0.3851, 0.3772



66.3070, 0.3621, 0.3956



66.3070, 0.3266, 0.3953

Triad

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



66.3070, 0.3621, 0.3956



66.3070, 0.2429, 0.3021



66.3070, 0.3343, 0.2897

Complementary

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



66.3070, 0.3621, 0.3956



39.2349, 0.2597, 0.2522

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.



66.3070, 0.2953, 0.2717



66.3070, 0.3621, 0.3956



66.3070, 0.2445, 0.2768

Square

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



66.3070, 0.3621, 0.3956



66.3070, 0.2585, 0.3380



66.3070, 0.2630, 0.2666



66.3070, 0.3690, 0.3171

Rectangle

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



66.3070, 0.3621, 0.3956



66.3070, 0.3009, 0.3830



66.3070, 0.2630, 0.2666



66.3070, 0.3211, 0.2825

Sweetspot

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



66.3100, 0.3621, 0.3956



96.5186, 0.3265, 0.3481



42.0135, 0.3717, 0.3169



20.5427, 0.3288, 0.3512



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.



66.3100, 0.3621, 0.3956



86.9767, 0.3730, 0.4096



67.9053, 0.3406, 0.4106



15.6754, 0.3271, 0.3489



31.2333, 0.4471, 0.4832



2.2582, 0.4421, 0.4871

Inverse Universe

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



39.2349, 0.2597, 0.2522



45.1242, 0.2470, 0.2329



38.4240, 0.2775, 0.2435



13.5601, 0.2981, 0.3083



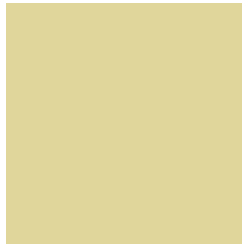
3.8423, 0.1533, 0.0720



0.3686, 0.1598, 0.0952

Previews

White Background



This preview shows how the Yxy color 66.3070, 0.3621, 0.3956 looks on a white background.

Color Contrast Check

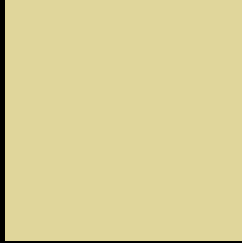
Large Text (above 18pt) WCAG AA × Fail

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 66.3070, 0.3621, 0.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

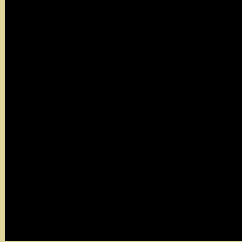
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3070, 0.3621, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 66.3070, 0.3621, 0.3956.



This preview shows how white text looks on a background with the Yxy color 66.3070, 0.3621, 0.3956.

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

66.3070, 0.3621, 0.3956

Protanopia

66.0781, 0.3675, 0.3937

Deuteranopia

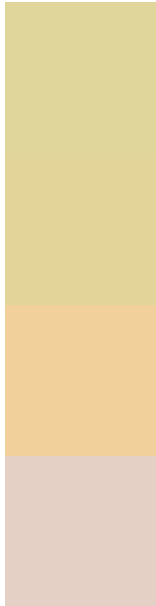
66.1293, 0.3862, 0.3785



Tritanopia

66.0389, 0.3219, 0.3119

Trichromacy



Original Color

66.3070, 0.3621, 0.3956

Protanomaly

66.2525, 0.3656, 0.3951

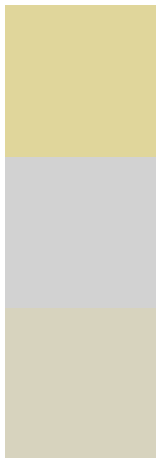
Deuteranomaly

66.2128, 0.3772, 0.3853

Tritanomaly

65.8010, 0.3368, 0.3412

Monochromacy



Original Color

66.3070, 0.3621, 0.3956

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.7533, 0.3305, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3070, 0.3621, 0.3956 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(224, 214, 155)` looks like.

```
.text, #text, p{  
    color:rgb(224, 214, 155)  
}
```

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(224, 214, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 214, 155) }
```

Border

The CSS property to change the border of an element to Yxy 66.3070, 0.3621, 0.3956 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(224, 214, 155) }
```

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

```
.border{ border-color:rgb(224, 214, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 214, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 214, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 214, 155);  
box-shadow:4px 4px 4px 4px rgb(224, 214,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3070, 0.3621, 0.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 214, 155) }
```

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

```
.background{ background-color: rgb(224,  
214, 155) }
```

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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