

Converting Colors

Yxy(64.0658, 0.3756, 0.4345)

Have a look what the booklet for
Yxy(64.0658, 0.3756, 0.4345)
contains.

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Color

Yxy(64.3022, 0.3760, 0.4352)

Conversions

Conversions Part 1

Format	Color
Hex	D6D77A
RGB	214, 215, 122
RGB Percent	84%, 84%, 48%
CMY	0.1606, 0.1569, 0.5216
CMYK	0.00, 0.00, 0.43, 0.16
HSL	61°, 54%, 66%
HSV	61°, 43%, 84%
XYZ	55.5552, 64.3022, 27.8958
YIQ	204.0990, 29.2570, -29.1350

Conversions

Conversions Part 2

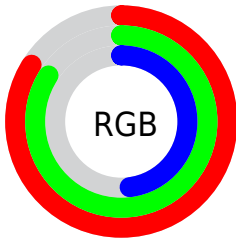
Format	Color
RYB	122, 215, 123
Decimal	14079866
CIELab	84.12, -13.51, 45.60
CIELCh	84, 47.560, 106.503
Yxy	64.3022, 0.3760, 0.4352
Android (android.graphics.Color)	4292269946 (0xFFD6D77A)
YUV	204.0990, -40.4748, 8.6832
Hunter-Lab	80.1887, -16.6642, 35.5064

Details

The Yxy color **64.3022, 0.3760, 0.4352** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.0326, 0.2327, 0.1957**, and the grayscale version is **60.7020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9146, 0.3597, 0.4066**, and **32.8656, 0.3889, 0.4596** is the 20% darker color. If you saturate the color by 10%, you get **63.7970, 0.3886, 0.4565**, and if you desaturate by 10%, it is **64.9312, 0.3620, 0.4116**.

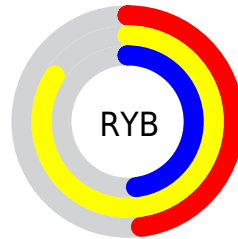
Distribution



Red (84%)

Green (84%)

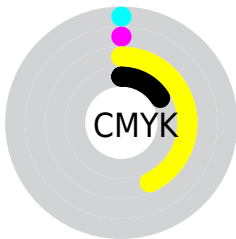
Blue (48%)



Red (48%)

Yellow (84%)

Blue (48%)

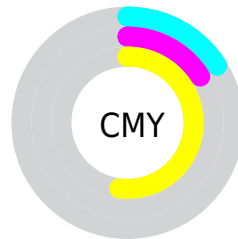


Cyan (0%)

Magenta (0%)

Yellow (43%)

Black (16%)



Cyan (16%)


Magenta (16%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3022, 0.3760, 0.4352 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 64.3022, 0.3760, 0.4352 by changing the saturation by 10% instead.


 64.3022, 0.3760,
0.4352


 64.3022, 0.3760,
0.4352


440.2801, 0.3479,
0.3848

 46.8955, 0.3818,
0.4467

 111.0460, 0.3667,
0.4177

 32.9530, 0.3885,
0.4607


 141.1519, 0.3629,
0.4108

 22.0905, 0.3962,
0.4781


 176.2597, 0.3596,
0.4050

 13.9234, 0.4046,
0.4998

216.7537, 0.3567,
0.3998

 8.0674, 0.4126,
0.5269

263.0184, 0.3542,
0.3954

 4.1381, 0.4268,
0.5732

315.4381, 0.3519,

 1.7511, 0.4060,

0.3914

0.5940

374.3972, 0.3498,
0.3879

0.4564, 0.1856,
0.8144

0.0000, 0.0000,
0.0000

64.3022, 0.3760,
0.4352

64.3022, 0.3760,
0.4352

63.7970, 0.3886,
0.4565

64.9312, 0.3620,
0.4116

63.3989, 0.3993,
0.4747


65.6824, 0.3472,
0.3868


63.1020, 0.4076,
0.4890

66.5652, 0.3322,
0.3616

62.8963, 0.4133,
0.4989


67.5857, 0.3174,
0.3369


 62.7693, 0.4165,
0.5046


 68.7498, 0.3032,
0.3131

 62.7142, 0.4175,
0.5067

 70.0627, 0.2898,
0.2907

 70.3510, 0.2875,
0.2867

 70.3842, 0.2876,
0.2867

 70.4174, 0.2878,
0.2868

Harmonies

Analogous

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



64.3022, 0.4182, 0.4077



64.3022, 0.3760, 0.4352



64.3022, 0.3191, 0.4311

Triad

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



64.3022, 0.3760, 0.4352



64.3022, 0.2066, 0.2754



64.3022, 0.3581, 0.2776

Complementary

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



64.3022, 0.3760, 0.4352



23.0326, 0.2327, 0.1957

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.



64.3022, 0.2970, 0.2481



64.3022, 0.3760, 0.4352



64.3022, 0.2145, 0.2440

Square

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



64.3022, 0.3760, 0.4352



64.3022, 0.2233, 0.3284



64.3022, 0.2458, 0.2357



64.3022, 0.4095, 0.3187

Rectangle

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



64.3022, 0.3760, 0.4352



64.3022, 0.2808, 0.4068



64.3022, 0.2458, 0.2357



64.3022, 0.3377, 0.2662

Sweetspot

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



64.3051, 0.3760, 0.4352



97.9821, 0.3320, 0.3613



29.7707, 0.4258, 0.3293



20.9064, 0.3354, 0.3669



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.



64.3051, 0.3760, 0.4352



93.9407, 0.3877, 0.4550



58.3813, 0.3395, 0.4498



14.5132, 0.3265, 0.3520



37.5170, 0.4176, 0.5066



2.2650, 0.4179, 0.5064

Inverse Universe

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



23.0326, 0.2327, 0.1957



25.5037, 0.2128, 0.1628



27.2050, 0.2722, 0.2087



12.0147, 0.2983, 0.3049



2.9457, 0.1504, 0.0602



0.1798, 0.1514, 0.0608

Previews

White Background



This preview shows how the Yxy color 64.3022, 0.3760, 0.4352 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 64.3022, 0.3760, 0.4352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

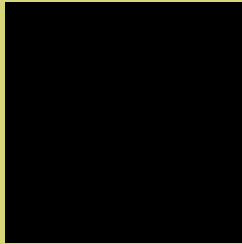
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.3022, 0.3760, 0.4352

Background



This preview shows how black text looks on a background with the Yxy color 64.3022, 0.3760, 0.4352.



This preview shows how white text looks on a background with the Yxy color 64.3022, 0.3760, 0.4352.

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

64.3022, 0.3760, 0.4352

Protanopia

64.2722, 0.3927, 0.4273

Deuteranopia

63.8601, 0.4145, 0.4058



Tritanopia

64.3606, 0.3173, 0.3115

Trichromacy



Original Color

64.3022, 0.3760, 0.4352

Protanomaly

64.3147, 0.3862, 0.4302

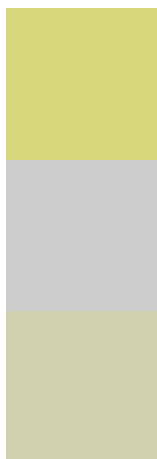
Deuteranomaly

63.4686, 0.4001, 0.4158

Tritanomaly

63.9446, 0.3401, 0.3563

Monochromacy



Original Color

64.3022, 0.3760, 0.4352

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.5776, 0.3371, 0.3693

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3022, 0.3760, 0.4352 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(214, 215, 122)` looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 122)  
}
```

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(214, 215, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 122) }
```

Border

The CSS property to change the border of an element to Yxy 64.3022, 0.3760, 0.4352 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(214, 215, 122) }
```

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

```
.border{ border-color:rgb(214, 215, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 215, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 122);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3022, 0.3760, 0.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 215, 122) }
```

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

```
.background{ background-color: rgb(214,  
215, 122) }
```

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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