

Converting Colors

Yxy(60.4918, 0.3641, 0.4329)

Have a look what the booklet for
Yxy(60.4918, 0.3641, 0.4329)
contains.

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Color

Yxy(60.3486, 0.3642, 0.4325)

Conversions

Conversions Part 1

Format	Color
Hex	C8D37D
RGB	200, 211, 125
RGB Percent	78%, 83%, 49%
CMY	0.2156, 0.1725, 0.5098
CMYK	0.05, 0.00, 0.41, 0.17
HSL	68°, 49%, 66%
HSV	68°, 41%, 83%
XYZ	50.8184, 60.3486, 28.3673
YIQ	197.9070, 21.0500, -29.0780

Conversions

Conversions Part 2

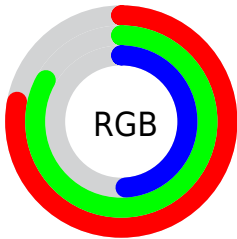
Format	Color
RYB	125, 211, 136
Decimal	13161341
CIELab	82.03, -16.71, 41.28
CIElCh	82, 44.531, 112.045
Yxy	60.3486, 0.3642, 0.4325
Android (android.graphics.Color)	4291351421 (0xFFC8D37D)
YUV	197.9070, -35.9432, 1.8356
Hunter-Lab	77.6844, -19.1791, 32.7286

Details

The Yxy color **60.3486, 0.3642, 0.4325** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.5992, 0.2464, 0.2073**, and the grayscale version is **56.6278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **30.6281, 0.3745, 0.4594** is the 20% darker color. If you saturate the color by 10%, you get **59.5004, 0.3751, 0.4564**, and if you desaturate by 10%, it is **61.3233, 0.3521, 0.4071**.

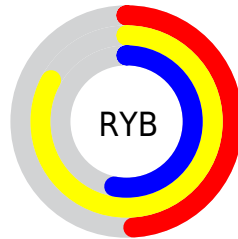
Distribution



Red (78%)

Green (83%)

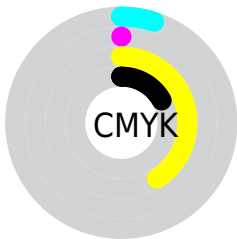
Blue (49%)



Red (49%)

Yellow (83%)

Blue (53%)

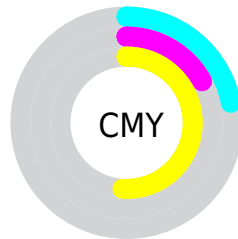


Cyan (5%)

Magenta (0%)

Yellow (41%)

Black (17%)



Cyan (22%)


Magenta (17%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3486, 0.3642, 0.4325 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 60.3486, 0.3642, 0.4325 by changing the saturation by 10% instead.

 60.3486, 0.3642,
0.4325


 60.3486, 0.3642,
0.4325


425.8815, 0.3412,
0.3822


 43.6997, 0.3689,
0.4443


 105.3352, 0.3566,
0.4147

 30.4345, 0.3745,
0.4591


 134.4416, 0.3535,
0.4079

 20.1686, 0.3807,
0.4777


 168.4694, 0.3508,
0.4020

 12.5177, 0.3875,
0.5017

207.8029, 0.3484,
0.3970

 7.0973, 0.3936,
0.5331

252.8264, 0.3463,
0.3926

 3.5230, 0.4077,
0.5923

303.9244, 0.3444,

 1.4105, 0.3781,

0.3887

0.6219

361.4813, 0.3428,
0.3853

0.2244, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.3486, 0.3642,
0.4325

60.3486, 0.3642,
0.4325

59.5004, 0.3751,
0.4564

61.3233, 0.3521,
0.4071

58.7632, 0.3842,
0.4777

62.4231, 0.3394,
0.3812

58.1316, 0.3910,
0.4955


63.6568, 0.3264,
0.3555


57.5961, 0.3954,
0.5090

65.0303, 0.3137,
0.3308


 57.1457, 0.3971,
0.5181

 66.5490, 0.3014,
0.3075

 56.7868, 0.3968,
0.5231

 68.2181, 0.2898,
0.2858

 68.8500, 0.2896,
0.2827

 69.2710, 0.2914,
0.2829

 69.6987, 0.2932,
0.2832

Harmonies

Analogous

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



60.3486, 0.4081, 0.4111



60.3486, 0.3642, 0.4325



60.3486, 0.3087, 0.4214

Triad

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



60.3486, 0.3642, 0.4325



60.3486, 0.2104, 0.2706



60.3486, 0.3666, 0.2863

Complementary

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



60.3486, 0.3642, 0.4325



24.5992, 0.2464, 0.2073

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.



60.3486, 0.3084, 0.2553



60.3486, 0.3642, 0.4325



60.3486, 0.2222, 0.2444

Square

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



60.3486, 0.3642, 0.4325



60.3486, 0.2222, 0.3182



60.3486, 0.2564, 0.2401



60.3486, 0.4117, 0.3275

Rectangle

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



60.3486, 0.3642, 0.4325



60.3486, 0.2729, 0.3942



60.3486, 0.2564, 0.2401



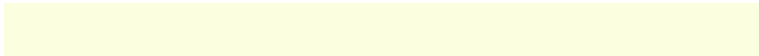
60.3486, 0.3476, 0.2746

Sweetspot

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



60.3513, 0.3642, 0.4325



97.4501, 0.3282, 0.3590



32.6638, 0.4107, 0.3419



20.8030, 0.3299, 0.3623



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.



60.3513, 0.3642, 0.4325



91.4919, 0.3738, 0.4536



55.3344, 0.3305, 0.4450



13.7179, 0.3247, 0.3521



34.3018, 0.3972, 0.5228



1.9398, 0.4015, 0.5194

Inverse Universe

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



24.5992, 0.2464, 0.2073



29.3099, 0.2290, 0.1771



28.8359, 0.2848, 0.2193



11.4890, 0.3001, 0.3051



3.0032, 0.1551, 0.0628



0.1923, 0.1682, 0.0700

Previews

White Background



This preview shows how the Yxy color 60.3486, 0.3642, 0.4325 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 60.3486, 0.3642, 0.4325 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

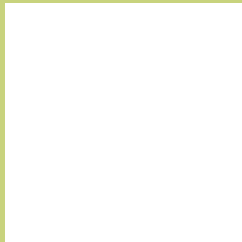
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3486, 0.3642, 0.4325

Background



This preview shows how black text looks on a background with the Yxy color 60.3486, 0.3642, 0.4325.



This preview shows how white text looks on a background with the Yxy color 60.3486, 0.3642, 0.4325.

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

60.3486, 0.3642, 0.4325

Protanopia

60.2788, 0.3885, 0.4217

Deuteranopia

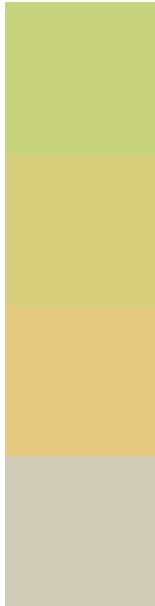
60.2080, 0.4076, 0.3991



Tritanopia

60.1153, 0.3097, 0.3108

Trichromacy



Original Color

60.3486, 0.3642, 0.4325

Protanomaly

60.5028, 0.3797, 0.4261

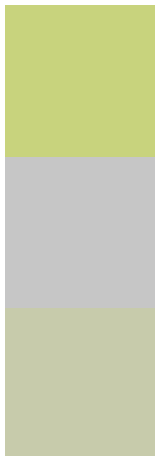
Deuteranomaly

59.9898, 0.3909, 0.4107

Tritanomaly

59.8700, 0.3303, 0.3539

Monochromacy



Original Color

60.3486, 0.3642, 0.4325

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.7943, 0.3329, 0.3682

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3486, 0.3642, 0.4325 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(200, 211, 125)` looks like.

```
.text, #text, p{  
    color:rgb(200, 211, 125)  
}
```

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(200, 211, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 211, 125) }
```

Border

The CSS property to change the border of an element to Yxy 60.3486, 0.3642, 0.4325 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(200, 211, 125) }
```

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

```
.border{ border-color:rgb(200, 211, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 211, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 211, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 211, 125);  
box-shadow:4px 4px 4px 4px rgb(200, 211,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3486, 0.3642, 0.4325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 211, 125) }
```

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

```
.background{ background-color: rgb(200,  
211, 125) }
```

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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