

Converting Colors

$Yxy(65.0165, 0.3860, 0.4273)$

Have a look what the booklet for
Yxy(65.0165, 0.3860, 0.4273)
contains.

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Color

Yxy(65.2125, 0.3854, 0.4274)

Conversions

Conversions Part 1

Format	Color
Hex	E2D57C
RGB	226, 213, 124
RGB Percent	89%, 84%, 49%
CMY	0.1136, 0.1647, 0.5136
CMYK	0.00, 0.06, 0.45, 0.11
HSL	52°, 64%, 69%
HSV	52°, 45%, 89%
XYZ	58.8042, 65.2125, 28.5629
YIQ	206.7410, 36.3170, -24.9230

Conversions

Conversions Part 2

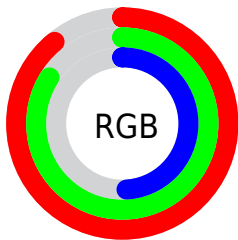
Format	Color
RYB	139, 226, 124
Decimal	14865788
CIELab	84.59, -7.54, 45.41
CIELCh	85, 46.029, 99.430
Yxy	65.2125, 0.3854, 0.4274
Android (android.graphics.Color)	4293055868 (0xFFE2D57C)
YUV	206.7410, -40.7913, 16.8901
Hunter-Lab	80.7543, -11.3387, 35.5570

Details

The Yxy color **65.2125, 0.3854, 0.4274** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.6861, 0.2307, 0.2060**, and the grayscale version is **62.4763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9944, 0.3585, 0.4047**, and **33.7123, 0.4000, 0.4501** is the 20% darker color. If you saturate the color by 10%, you get **63.2676, 0.4009, 0.4464**, and if you desaturate by 10%, it is **67.3204, 0.3690, 0.4063**.

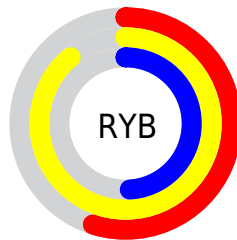
Distribution



Red (89%)

Green (84%)

Blue (49%)



Red (55%)

Yellow (89%)

Blue (49%)

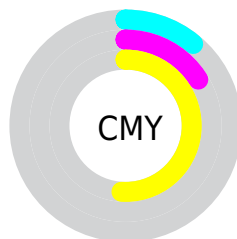


Cyan (0%)

Magenta (6%)

Yellow (45%)

Black (11%)



Cyan (11%)


Magenta (16%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2125, 0.3854, 0.4274 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 65.2125, 0.3854, 0.4274 by changing the saturation by 10% instead.


 65.2125, 0.3854,
0.4274


 65.2125, 0.3854,
0.4274


443.5552, 0.3527,
0.3815


 47.6334, 0.3923,
0.4376


 112.3553, 0.3744,
0.4116

 33.5367, 0.4005,
0.4500


 142.6878, 0.3700,
0.4054

 22.5379, 0.4100,
0.4652

 178.0403, 0.3662,
0.4000

 14.2527, 0.4211,
0.4837

218.7970, 0.3628,
0.3954

 8.2966, 0.4330,
0.5063

265.3425, 0.3598,
0.3912

 4.2853, 0.4544,
0.5456

318.0611, 0.3572,

 1.8344, 0.4434,

0.3876

0.5566

377.3372, 0.3548,
0.3844

■ 0.5085, 0.3704,
0.6296

■ 0.0000, 0.0000,
0.0000

■ 65.2125, 0.3854,
0.4274

■ 65.2125, 0.3854,
0.4274

■ 63.2676, 0.4009,
0.4464

■ 67.3204, 0.3690,
0.4063

■ 61.4674, 0.4148,
0.4624


■ 69.5905, 0.3524,
0.3842

■ 59.8046, 0.4265,
0.4745

■ 72.0336, 0.3360,
0.3618


■ 58.2672, 0.4356,
0.4821


■ 74.6567, 0.3204,
0.3399

 56.8403, 0.4418,
0.4852


 77.4667, 0.3057,
0.3189

 56.1738, 0.4441,
0.4856

 80.1673, 0.2948,
0.3037

 81.7911, 0.2948,
0.3067

 83.4417, 0.2949,
0.3097

 85.1191, 0.2949,
0.3127

Harmonies

Analogous

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



65.2125, 0.4205, 0.3964



65.2125, 0.3854, 0.4274



65.2125, 0.3326, 0.4314

Triad

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



65.2125, 0.3854, 0.4274



65.2125, 0.2117, 0.2880



65.2125, 0.3427, 0.2713

Complementary

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



65.2125, 0.3854, 0.4274



27.6861, 0.2307, 0.2060

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.



65.2125, 0.2847, 0.2462



65.2125, 0.3854, 0.4274



65.2125, 0.2138, 0.2521

Square

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



65.2125, 0.3854, 0.4274



65.2125, 0.2336, 0.3426



65.2125, 0.2390, 0.2388



65.2125, 0.3962, 0.3092

Rectangle

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



65.2125, 0.3854, 0.4274



65.2125, 0.2949, 0.4136



65.2125, 0.2390, 0.2388



65.2125, 0.3228, 0.2613

Sweetspot

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



65.2155, 0.3854, 0.4274



95.0344, 0.3344, 0.3595



32.4181, 0.4171, 0.3134



20.1866, 0.3379, 0.3644



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.



65.2155, 0.3854, 0.4274



83.3552, 0.3998, 0.4451



66.6354, 0.3506, 0.4515



15.7150, 0.3270, 0.3493



32.1605, 0.4436, 0.4859



2.3138, 0.4394, 0.4893

Inverse Universe

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



27.6861, 0.2307, 0.2060



28.3211, 0.2121, 0.1763



27.5344, 0.2576, 0.1986



13.5241, 0.2981, 0.3079



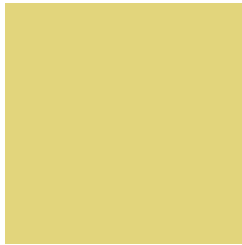
3.7250, 0.1528, 0.0700



0.3515, 0.1588, 0.0915

Previews

White Background



This preview shows how the Yxy color 65.2125, 0.3854, 0.4274 looks on a white background.

Color Contrast Check

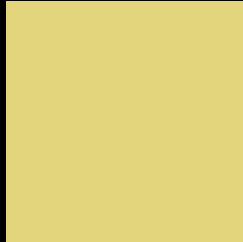
Large Text (above 18pt) WCAG AA × Fail

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 65.2125, 0.3854, 0.4274 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 65.2125, 0.3854, 0.4274

Background



This preview shows how black text looks on a background with the Yxy color 65.2125, 0.3854, 0.4274.



This preview shows how white text looks on a background with the Yxy color 65.2125, 0.3854, 0.4274.

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

65.2125, 0.3854, 0.4274

Protanopia

65.0075, 0.3911, 0.4250

Deuteranopia

65.1128, 0.4106, 0.4027



Tritanopia

65.1359, 0.3274, 0.3120

Trichromacy



Original Color

65.2125, 0.3854, 0.4274

Protanomaly

65.1750, 0.3890, 0.4266

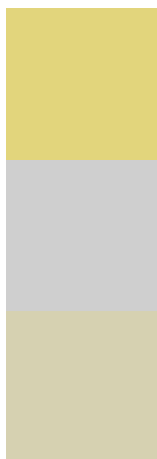
Deuteranomaly

64.9342, 0.4009, 0.4114

Tritanomaly

64.7591, 0.3493, 0.3534

Monochromacy



Original Color

65.2125, 0.3854, 0.4274

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.0714, 0.3395, 0.3662

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2125, 0.3854, 0.4274 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(226, 213, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 213, 124) }
```

Border

The CSS property to change the border of an element to Yxy 65.2125, 0.3854, 0.4274 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, 124) }
```

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

```
.border{ border-color:rgb(226, 213, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 213, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 213, 124); box-shadow:4px 4px 4px 4px rgb(226, 213, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2125, 0.3854, 0.4274 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, 124) }
```

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

```
.background{ background-color: rgb(226,  
213, 124) }
```

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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