

Converting Colors

$Yxy(55.1574, 0.4057, 0.4141)$

Have a look what the booklet for
Yxy(55.1574, 0.4057, 0.4141)
contains.

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Color

Yxy(55.1574, 0.4057, 0.4141)

Conversions

Conversions Part 1

Format	Color
Hex	E5BF73
RGB	229, 191, 115
RGB Percent	90%, 75%, 45%
CMY	0.1019, 0.2510, 0.5492
CMYK	0.00, 0.17, 0.50, 0.10
HSL	40°, 69%, 67%
HSV	40°, 50%, 90%
XYZ	54.0385, 55.1574, 24.0023
YIQ	193.6980, 47.0440, -15.5800

Conversions

Conversions Part 2

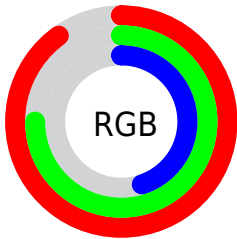
Format	Color
RYB	172, 229, 115
Decimal	15056755
CIELab	79.13, 4.16, 43.20
CIELCh	79, 43.404, 84.496
Yxy	55.1574, 0.4057, 0.4141
Android (android.graphics.Color)	4293246835 (0xFFE5BF73)
YUV	193.6980, -38.7981, 30.9599
Hunter-Lab	74.2680, -0.0898, 32.8260

Details

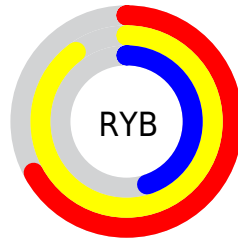
The Yxy color **55.1574, 0.4057, 0.4141** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **32.0673, 0.2275, 0.2238**, and the grayscale version is **53.9731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6087, 0.3667, 0.4074**, and **27.2165, 0.4267, 0.4327** is the 20% darker color. If you saturate the color by 10%, you get **51.4547, 0.4269, 0.4285**, and if you desaturate by 10%, it is **59.1697, 0.3846, 0.3977**.

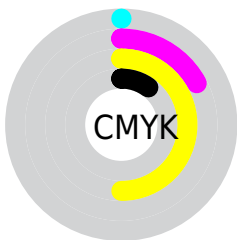
Distribution



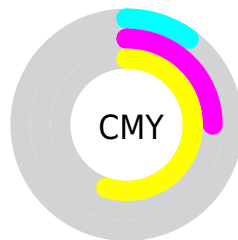
- Red (90%)
- Green (75%)
- Blue (45%)



- Red (67%)
- Yellow (90%)
- Blue (45%)



- Cyan (0%)
- Magenta (17%)
- Yellow (50%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1574, 0.4057, 0.4141 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 55.1574, 0.4057, 0.4141 by changing the saturation by 10% instead.


 55.1574, 0.4057,
0.4141

 55.1574, 0.4057,
0.4141


406.5083, 0.3617,
0.3746


 39.5278, 0.4156,
0.4227


 97.7715, 0.3905,
0.4006

 27.1705, 0.4275,
0.4329


 125.5248, 0.3845,
0.3953

 17.7013, 0.4421,
0.4450


 158.0881, 0.3794,
0.3907

 10.7358, 0.4597,
0.4591

195.8458, 0.3749,
0.3867

 5.8895, 0.4832,
0.4771

239.1822, 0.3710,
0.3831

 2.7780, 0.5076,
0.4924

288.4819, 0.3675,

 1.0169, 0.5156,

0.3800

0.4844

344.1291, 0.3644,
0.3772

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.1574, 0.4057,
0.4141

55.1574, 0.4057,
0.4141

51.4547, 0.4269,
0.4285

59.1697, 0.3846,
0.3977

48.0412, 0.4473,
0.4397


63.4951, 0.3644,
0.3802


44.9057, 0.4658,
0.4466


68.1469, 0.3455,
0.3625


42.0319, 0.4815,
0.4485

73.1350, 0.3282,
0.3452

 39.3943, 0.4942,
0.4457


 78.4688, 0.3124,
0.3287

 39.3449, 0.4945,
0.4456

 84.1571, 0.2983,
0.3132

 88.8343, 0.2969,
0.3183

 93.5326, 0.2969,
0.3260

 95.3997, 0.2970,
0.3290

Harmonies

Analogous

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



55.1574, 0.4269, 0.3756



55.1574, 0.4057, 0.4141



55.1574, 0.3601, 0.4334

Triad

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



55.1574, 0.4057, 0.4141



55.1574, 0.2199, 0.3135



55.1574, 0.3131, 0.2571

Complementary

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



55.1574, 0.4057, 0.4141



32.0673, 0.2275, 0.2238

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.



55.1574, 0.2598, 0.2403



55.1574, 0.4057, 0.4141



55.1574, 0.2101, 0.2673

Square

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



55.1574, 0.4057, 0.4141



55.1574, 0.2531, 0.3719



55.1574, 0.2239, 0.2429



55.1574, 0.3713, 0.2892

Rectangle

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



55.1574, 0.4057, 0.4141



55.1574, 0.3229, 0.4282



55.1574, 0.2239, 0.2429



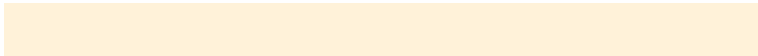
55.1574, 0.2940, 0.2496

Sweetspot

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



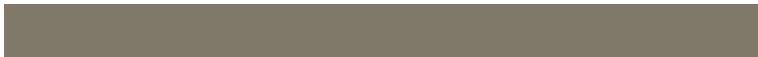
55.1600, 0.4057, 0.4141



89.9128, 0.3371, 0.3543



31.2088, 0.4046, 0.2858



18.9588, 0.3409, 0.3580



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.



55.1600, 0.4057, 0.4141



65.4142, 0.4280, 0.4292



70.9827, 0.3709, 0.4564



15.9655, 0.3276, 0.3446



22.7232, 0.4930, 0.4468



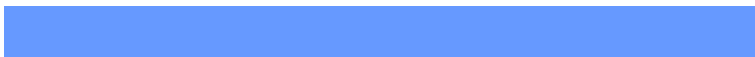
1.8482, 0.4795, 0.4574

Inverse Universe

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



32.0673, 0.2275, 0.2238



32.8210, 0.2093, 0.1967



22.9730, 0.2314, 0.1766



14.6679, 0.2981, 0.3129



6.4117, 0.1634, 0.1083



0.6397, 0.1716, 0.1375

Previews

White Background



This preview shows how the Yxy color 55.1574, 0.4057, 0.4141 looks on a white background.

Color Contrast Check

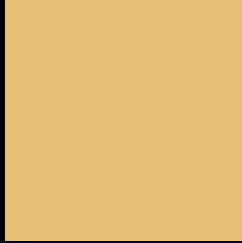
Large Text (above 18pt) WCAG AA × Fail

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 55.1574, 0.4057, 0.4141 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 55.1574, 0.4057, 0.4141

Background



This preview shows how black text looks on a background with the Yxy color 55.1574, 0.4057, 0.4141.



This preview shows how white text looks on a background with the Yxy color 55.1574, 0.4057, 0.4141.

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

55.1574, 0.4057, 0.4141

Protanopia

55.2113, 0.3892, 0.4215

Deuteranopia

54.9787, 0.4151, 0.4062



Tritanopia

54.8207, 0.3488, 0.3136

Trichromacy



Original Color

55.1574, 0.4057, 0.4141

Protanomaly

55.0602, 0.3953, 0.4189

Deuteranomaly

54.8896, 0.4119, 0.4081

Tritanomaly

54.7747, 0.3702, 0.3506

Monochromacy



Original Color

55.1574, 0.4057, 0.4141

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1219, 0.3462, 0.3631

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1574, 0.4057, 0.4141 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(229, 191, 115)` looks like.

```
.text, #text, p{  
    color:rgb(229, 191, 115)  
}
```

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(229, 191, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 191, 115) }
```

Border

The CSS property to change the border of an element to Yxy 55.1574, 0.4057, 0.4141 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(229, 191, 115) }
```

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

```
.border{ border-color:rgb(229, 191, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 191, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 191, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 191, 115);  
box-shadow:4px 4px 4px 4px rgb(229, 191,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1574, 0.4057, 0.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 191, 115) }
```

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

```
.background{ background-color: rgb(229,  
191, 115) }
```

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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