

Converting Colors

$Yxy(55.3382, 0.4011, 0.4126)$

Have a look what the booklet for
Yxy(55.3382, 0.4011, 0.4126)
contains.

Yxy(55.3382, 0.4011, 0.4126)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.3382, 0.4011, 0.4126)

Conversions

Conversions Part 1

Format	Color
Hex	E3C076
RGB	227, 192, 118
RGB Percent	89%, 75%, 46%
CMY	0.1098, 0.2470, 0.5372
CMYK	0.00, 0.15, 0.48, 0.11
HSL	41°, 66%, 68%
HSV	41°, 48%, 89%
XYZ	53.7958, 55.3382, 24.9867
YIQ	194.0290, 44.6140, -15.5940

Conversions

Conversions Part 2

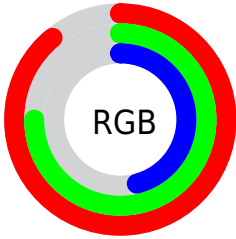
Format	Color
RYB	170, 227, 118
Decimal	14925942
CIELab	79.24, 3.09, 41.75
CIElCh	79, 41.868, 85.761
Yxy	55.3382, 0.4011, 0.4126
Android (android.graphics.Color)	4293116022 (0xFFE3C076)
YUV	194.0290, -37.4823, 28.9156
Hunter-Lab	74.3896, -1.0974, 32.1579

Details

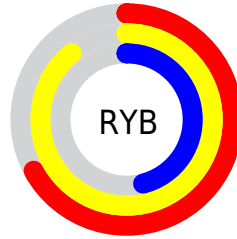
The Yxy color **55.3382, 0.4011, 0.4126** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **32.1748, 0.2304, 0.2265**, and the grayscale version is **54.1742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3351, 0.3646, 0.4054**, and **27.3176, 0.4209, 0.4316** is the 20% darker color. If you saturate the color by 10%, you get **51.7436, 0.4219, 0.4277**, and if you desaturate by 10%, it is **59.2262, 0.3805, 0.3957**.

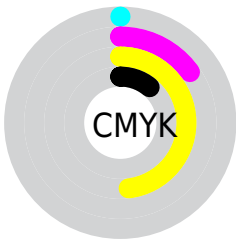
Distribution



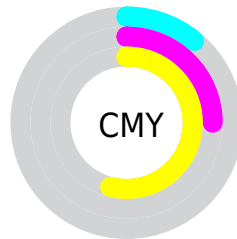
- Red (89%)
- Green (75%)
- Blue (46%)



- Red (67%)
- Yellow (89%)
- Blue (46%)



- Cyan (0%)
- Magenta (15%)
- Yellow (48%)
- Black (11%)




- Cyan (11%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3382, 0.4011, 0.4126 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 55.3382, 0.4011, 0.4126 by changing the saturation by 10% instead.


 55.3382, 0.4011,
0.4126

 55.3382, 0.4011,
0.4126


407.1927, 0.3592,
0.3736


 39.6726, 0.4105,
0.4212


 98.0363, 0.3866,
0.3992

 27.2833, 0.4220,
0.4315


 125.8375, 0.3809,
0.3940

 17.7861, 0.4360,
0.4439


 158.4528, 0.3760,
0.3894

 10.7966, 0.4530,
0.4585

196.2664, 0.3718,
0.3854

 5.9302, 0.4748,
0.4765

239.6628, 0.3681,
0.3819

 2.8027, 0.5024,
0.4976

289.0264, 0.3648,

 1.0296, 0.5083,

0.3788

0.4917

344.7415, 0.3618,
0.3761

0.0000, 0.0000,
0.0000

55.3382, 0.4011,
0.4126

55.3382, 0.4011,
0.4126

51.7436, 0.4219,
0.4277

59.2262, 0.3805,
0.3957

48.4230, 0.4420,
0.4398

63.4106, 0.3607,
0.3778

45.3657, 0.4604,
0.4477


67.9039, 0.3422,
0.3599

42.5568, 0.4762,
0.4508

72.7155, 0.3252,
0.3424


39.9762, 0.4887,
0.4489


77.8543, 0.3098,
0.3258

 39.4849, 0.4911,
0.4483

 83.3286, 0.2959,
0.3102

 87.6547, 0.2956,
0.3168

 92.1024, 0.2957,
0.3242

 95.0691, 0.2958,
0.3290

Harmonies

Analogous

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



55.3382, 0.4226, 0.3761



55.3382, 0.4011, 0.4126



55.3382, 0.3564, 0.4297

Triad

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



55.3382, 0.4011, 0.4126



55.3382, 0.2222, 0.3121



55.3382, 0.3156, 0.2604

Complementary

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



55.3382, 0.4011, 0.4126



32.1748, 0.2304, 0.2265

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.



55.3382, 0.2636, 0.2435



55.3382, 0.4011, 0.4126



55.3382, 0.2135, 0.2682

Square

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



55.3382, 0.4011, 0.4126



55.3382, 0.2535, 0.3680



55.3382, 0.2279, 0.2452



55.3382, 0.3714, 0.2922

Rectangle

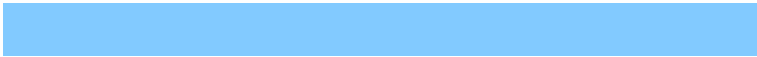
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.3382, 0.4011, 0.4126



55.3382, 0.3205, 0.4234



55.3382, 0.2279, 0.2452



55.3382, 0.2970, 0.2529

Sweetspot

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



55.3408, 0.4011, 0.4126



90.8163, 0.3353, 0.3530



31.6315, 0.3996, 0.2872



19.1515, 0.3391, 0.3568



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.



55.3408, 0.4011, 0.4126



67.2068, 0.4227, 0.4282



69.7699, 0.3692, 0.4520



15.9962, 0.3275, 0.3449



23.2499, 0.4897, 0.4494



1.8843, 0.4769, 0.4595

Inverse Universe

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



32.1748, 0.2304, 0.2265



33.6517, 0.2121, 0.1995



23.7521, 0.2349, 0.1828



14.6385, 0.2981, 0.3126



6.1896, 0.1626, 0.1052



0.6206, 0.1707, 0.1344

Previews

White Background



This preview shows how the Yxy color 55.3382, 0.4011, 0.4126 looks on a white background.

Color Contrast Check

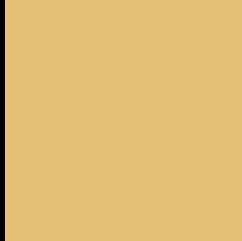
Large Text (above 18pt) WCAG AA × Fail

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 55.3382, 0.4011, 0.4126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

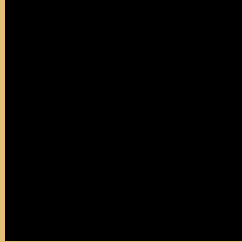
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3382, 0.4011, 0.4126

Background



This preview shows how black text looks on a background with the Yxy color 55.3382, 0.4011, 0.4126.

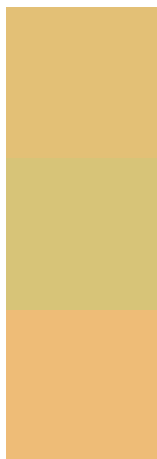


This preview shows how white text looks on a background with the Yxy color 55.3382, 0.4011, 0.4126.

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

55.3382, 0.4011, 0.4126

Protanopia

55.2830, 0.3870, 0.4182

Deuteranopia

55.4755, 0.4123, 0.4043



Tritanopia

55.5604, 0.3459, 0.3136

Trichromacy



Original Color

55.3382, 0.4011, 0.4126

Protanomaly

55.4222, 0.3917, 0.4171

Deuteranomaly

55.2195, 0.4082, 0.4064

Tritanomaly

55.1008, 0.3673, 0.3495

Monochromacy



Original Color

55.3382, 0.4011, 0.4126

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0149, 0.3445, 0.3620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3382, 0.4011, 0.4126 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(227, 192, 118)` looks like.

```
.text, #text, p{  
    color:rgb(227, 192, 118)  
}
```

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(227, 192, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 192, 118) }
```

Border

The CSS property to change the border of an element to Yxy 55.3382, 0.4011, 0.4126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

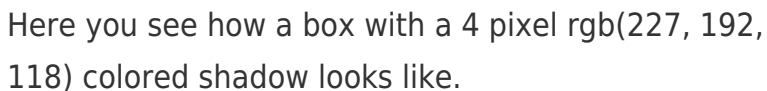
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 192, 118) }
```

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

```
.border{ border-color:rgb(227, 192, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 192, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 192, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 192, 118); box-shadow:4px 4px 4px 4px rgb(227, 192, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3382, 0.4011, 0.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 192, 118) }
```

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

```
.background{ background-color: rgb(227,  
192, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor