

Converting Colors

$Yxy(61.3880, 0.3986, 0.4082)$

Have a look what the booklet for
Yxy(61.3880, 0.3986, 0.4082)
contains.

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Color

Yxy(61.5089, 0.3985, 0.4082)

Conversions

Conversions Part 1

Format	Color
Hex	EEC980
RGB	238, 201, 128
RGB Percent	93%, 79%, 50%
CMY	0.0666, 0.2118, 0.4981
CMYK	0.00, 0.16, 0.46, 0.07
HSL	40°, 76%, 72%
HSV	40°, 46%, 93%
XYZ	60.0473, 61.5089, 29.1271
YIQ	203.7410, 45.4850, -14.8590

Conversions

Conversions Part 2

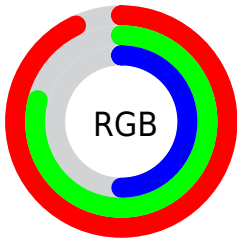
Format	Color
RYB	184, 238, 128
Decimal	15649152
CIELab	82.65, 3.81, 41.22
CIELCh	83, 41.397, 84.722
Yxy	61.5089, 0.3985, 0.4082
Android (android.graphics.Color)	4293839232 (0xFFEEC980)
YUV	203.7410, -37.3403, 30.0451
Hunter-Lab	78.4276, -0.5817, 32.8797

Details

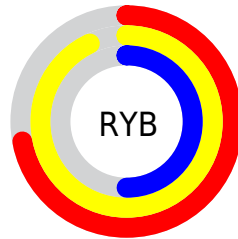
The Yxy color **61.5089, 0.3985, 0.4082** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.6786, 0.2338, 0.2331**, and the grayscale version is **60.4324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1574, 0.3561, 0.4008**, and **31.1066, 0.4185, 0.4254** is the 20% darker color. If you saturate the color by 10%, you get **57.3197, 0.4199, 0.4234**, and if you desaturate by 10%, it is **66.0456, 0.3775, 0.3913**.

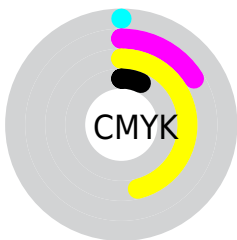
Distribution



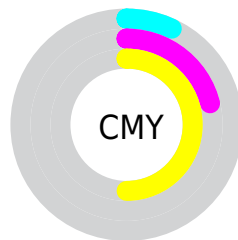
- Red (93%)
- Green (79%)
- Blue (50%)



- Red (72%)
- Yellow (93%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (46%)
- Black (7%)




- Cyan (7%)
- Magenta (21%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5089, 0.3985, 0.4082 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 61.5089, 0.3985, 0.4082 by changing the saturation by 10% instead.


 61.5089, 0.3985,
0.4082

 61.5089, 0.3985,
0.4082

430.1375, 0.3585,
0.3719


 44.6360, 0.4074,
0.4161


 107.0154, 0.3847,
0.3959

 31.1708, 0.4182,
0.4255


 136.4179, 0.3793,
0.3910

 20.7290, 0.4315,
0.4369


 170.7656, 0.3746,
0.3867

 12.9260, 0.4477,
0.4504

210.4430, 0.3706,
0.3830

 7.3776, 0.4674,
0.4659

255.8345, 0.3670,
0.3797

 3.6994, 0.5043,
0.4957

307.3245, 0.3638,

 1.5069, 0.5101,

0.3768

0.4899

365.2973, 0.3610,
0.3742

0.2935, 0.5589,
0.4411

0.0000, 0.0000,
0.0000

61.5089, 0.3985,
0.4082

61.5089, 0.3985,
0.4082

57.3197, 0.4199,
0.4234

66.0456, 0.3775,
0.3913

53.4558, 0.4408,
0.4358

70.9334, 0.3577,
0.3737


49.9055, 0.4603,
0.4442


76.1867, 0.3392,
0.3562


46.6519, 0.4773,
0.4478


81.8161, 0.3224,
0.3392

 43.6745, 0.4909,
0.4462

 87.8319, 0.3072,
0.3230

 42.6113, 0.4956,
0.4447

 93.1835, 0.3024,
0.3231

 96.9205, 0.3023,
0.3290

Harmonies

Analogous

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



61.5089, 0.4179, 0.3731



61.5089, 0.3985, 0.4082



61.5089, 0.3565, 0.4249

Triad

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



61.5089, 0.3985, 0.4082



61.5089, 0.2267, 0.3148



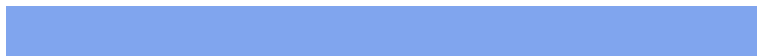
61.5089, 0.3137, 0.2624

Complementary

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



61.5089, 0.3985, 0.4082



37.6786, 0.2338, 0.2331

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.



61.5089, 0.2643, 0.2467



61.5089, 0.3985, 0.4082



61.5089, 0.2175, 0.2722

Square

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



61.5089, 0.3985, 0.4082



61.5089, 0.2576, 0.3680



61.5089, 0.2305, 0.2492



61.5089, 0.3670, 0.2926

Rectangle

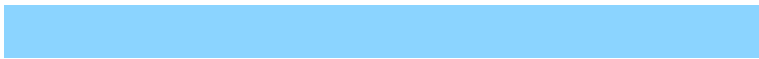
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.5089, 0.3985, 0.4082



61.5089, 0.3222, 0.4194



61.5089, 0.2305, 0.2492



61.5089, 0.2961, 0.2553

Sweetspot

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



61.5118, 0.3985, 0.4082



90.4843, 0.3354, 0.3524



36.3891, 0.3930, 0.2865



19.0703, 0.3392, 0.3562



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.



61.5118, 0.3985, 0.4082



67.5112, 0.4177, 0.4220



78.1719, 0.3689, 0.4474



17.5109, 0.3277, 0.3446



24.0169, 0.4941, 0.4459



2.1808, 0.4817, 0.4557

Inverse Universe

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



37.6786, 0.2338, 0.2331



36.6674, 0.2179, 0.2103



27.5854, 0.2368, 0.1880



16.0979, 0.2980, 0.3129



6.8649, 0.1636, 0.1088



0.7481, 0.1708, 0.1349

Previews

White Background



This preview shows how the Yxy color 61.5089, 0.3985, 0.4082 looks on a white background.

Color Contrast Check

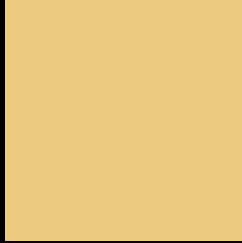
Large Text (above 18pt) WCAG AA × Fail

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 61.5089, 0.3985, 0.4082 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 61.5089, 0.3985, 0.4082

Background



This preview shows how black text looks on a background with the Yxy color 61.5089, 0.3985, 0.4082.



This preview shows how white text looks on a background with the Yxy color 61.5089, 0.3985, 0.4082.

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

61.5089, 0.3985, 0.4082

Protanopia

61.6016, 0.3829, 0.4149

Deuteranopia

61.6572, 0.4091, 0.4004



Tritanopia

61.3107, 0.3463, 0.3132

Trichromacy



Original Color

61.5089, 0.3985, 0.4082

Protanomaly

61.4287, 0.3887, 0.4126

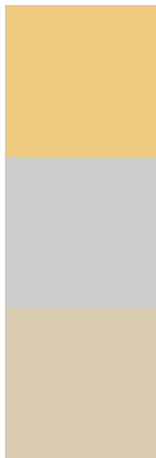
Deuteranomaly

61.3856, 0.4052, 0.4024

Tritanomaly

61.2993, 0.3658, 0.3476

Monochromacy



Original Color

61.5089, 0.3985, 0.4082

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4454, 0.3430, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5089, 0.3985, 0.4082 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(238, 201, 128)` looks like.

```
.text, #text, p{  
    color:rgb(238, 201, 128)  
}
```

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(238, 201, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 201, 128) }
```

Border

The CSS property to change the border of an element to Yxy 61.5089, 0.3985, 0.4082 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(238, 201, 128) }
```

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

```
.border{ border-color:rgb(238, 201, 128) }
```

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

Here you see how a box with a 4 pixel rgb(238, 201, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 201, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 201, 128);  
box-shadow:4px 4px 4px 4px rgb(238, 201,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5089, 0.3985, 0.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 201, 128) }
```

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

```
.background{ background-color: rgb(238,  
201, 128) }
```

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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