

Converting Colors

$Yxy(59.6305, 0.3959, 0.3993)$

Have a look what the booklet for
Yxy(59.6305, 0.3959, 0.3993)
contains.

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Color

Yxy(59.6305, 0.3959, 0.3993)

Conversions

Conversions Part 1

Format	Color
Hex	EDC585
RGB	237, 197, 133
RGB Percent	93%, 77%, 52%
CMY	0.0706, 0.2274, 0.4784
CMYK	0.00, 0.17, 0.44, 0.07
HSL	37°, 74%, 73%
HSV	37°, 44%, 93%
XYZ	59.1228, 59.6305, 30.5843
YIQ	201.6640, 44.3840, -11.4240

Conversions

Conversions Part 2

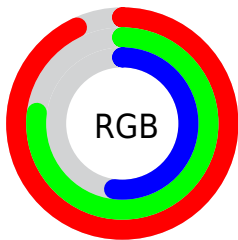
Format	Color
R _Y B	198, 237, 133
Decimal	15582597
CIE Lab	81.64, 5.97, 37.36
CIE LCh	82, 37.832, 80.923
Yxy	59.6305, 0.3959, 0.3993
Android (android.graphics.Color)	4293772677 (0xFFEDC585)
YUV	201.6640, -33.8514, 30.9897
Hunter-Lab	77.2208, 1.5290, 30.5719

Details

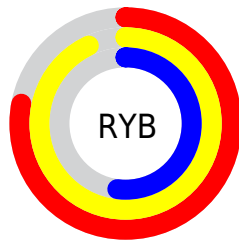
The Yxy color **59.6305, 0.3959, 0.3993** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.9817, 0.2392, 0.2457**, and the grayscale version is **59.0377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7315, 0.3534, 0.3950**, and **29.8378, 0.4161, 0.4148** is the 20% darker color. If you saturate the color by 10%, you get **55.0364, 0.4187, 0.4140**, and if you desaturate by 10%, it is **64.6282, 0.3741, 0.3833**.

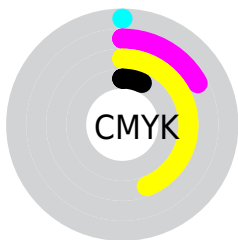
Distribution



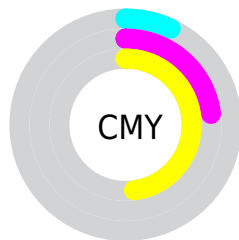
- Red (93%)
- Green (77%)
- Blue (52%)



- Red (78%)
- Yellow (93%)
- Blue (52%)



- Cyan (0%)
- Magenta (17%)
- Yellow (44%)
- Black (7%)





- Cyan (7%)
- Magenta (23%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6305, 0.3959, 0.3993 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 59.6305, 0.3959, 0.3993 by changing the saturation by 10% instead.


 59.6305, 0.3959,
0.3993


 59.6305, 0.3959,
0.3993


423.2345, 0.3566,
0.3669

 43.1209, 0.4049,
0.4064


 104.2935, 0.3822,
0.3883

 29.9800, 0.4158,
0.4149


 133.2156, 0.3769,
0.3839

 19.8234, 0.4295,
0.4252


 167.0441, 0.3723,
0.3801

 12.2667, 0.4466,
0.4376

206.1632, 0.3683,
0.3768

 6.9256, 0.4682,
0.4520

250.9574, 0.3648,
0.3739

 3.4156, 0.5144,
0.4856

301.8111, 0.3618,

 1.3524, 0.5239,

0.3713

0.4761

359.1086, 0.3590,
0.3690

0.1812, 0.6370,
0.3630

0.0000, 0.0000,
0.0000

59.6305, 0.3959,
0.3993

59.6305, 0.3959,
0.3993

55.0364, 0.4187,
0.4140

64.6282, 0.3741,
0.3833

50.8229, 0.4417,
0.4262


70.0343, 0.3538,
0.3668

46.9771, 0.4637,
0.4348


75.8643, 0.3353,
0.3505


43.4812, 0.4836,
0.4386

82.1300, 0.3187,
0.3348

 40.3145, 0.5003,
0.4371

 88.8427, 0.3038,
0.3201

 38.5215, 0.5090,
0.4340

 94.6432, 0.3017,
0.3257

 96.7429, 0.3017,
0.3290

Harmonies

Analogous

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



59.6305, 0.4102, 0.3658



59.6305, 0.3959, 0.3993



59.6305, 0.3593, 0.4169

Triad

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



59.6305, 0.3959, 0.3993



59.6305, 0.2354, 0.3223



59.6305, 0.3075, 0.2643

Complementary

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



59.6305, 0.3959, 0.3993



40.9817, 0.2392, 0.2457

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.



59.6305, 0.2630, 0.2517



59.6305, 0.3959, 0.3993



59.6305, 0.2240, 0.2808

Square

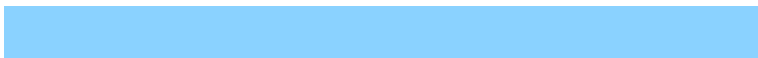
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.6305, 0.3959, 0.3993



59.6305, 0.2667, 0.3709



59.6305, 0.2337, 0.2566



59.6305, 0.3571, 0.2911

Rectangle

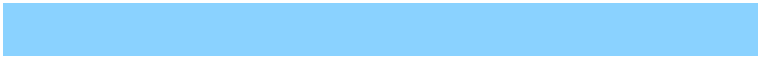
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.6305, 0.3959, 0.3993



59.6305, 0.3280, 0.4140



59.6305, 0.2337, 0.2566



59.6305, 0.2915, 0.2583

Sweetspot

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



59.6333, 0.3959, 0.3993



90.1818, 0.3339, 0.3492



37.8582, 0.3811, 0.2829



18.9646, 0.3378, 0.3527



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.



59.6333, 0.3959, 0.3993



65.3421, 0.4171, 0.4131



78.5212, 0.3702, 0.4400



16.5979, 0.3277, 0.3435



21.2949, 0.5072, 0.4355



1.8574, 0.4918, 0.4477

Inverse Universe

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



40.9817, 0.2392, 0.2457



40.6360, 0.2232, 0.2240



28.7653, 0.2375, 0.1948



15.4984, 0.2980, 0.3141



7.6699, 0.1672, 0.1220



0.7835, 0.1749, 0.1496

Previews

White Background



This preview shows how the Yxy color 59.6305, 0.3959, 0.3993 looks on a white background.

Color Contrast Check

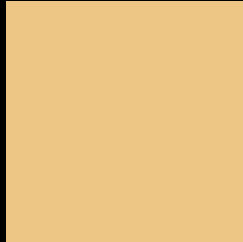
Large Text (above 18pt) WCAG AA × Fail

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 59.6305, 0.3959, 0.3993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

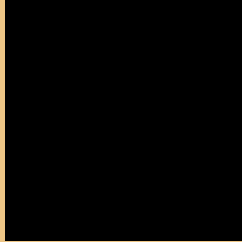
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6305, 0.3959, 0.3993

Background



This preview shows how black text looks on a background with the Yxy color 59.6305, 0.3959, 0.3993.



This preview shows how white text looks on a background with the Yxy color 59.6305, 0.3959, 0.3993.

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

59.6305, 0.3959, 0.3993

Protanopia

59.6768, 0.3772, 0.4075

Deuteranopia

59.5379, 0.4026, 0.3936



Tritanopia

59.5113, 0.3476, 0.3131

Trichromacy



Original Color

59.6305, 0.3959, 0.3993

Protanomaly

59.6633, 0.3839, 0.4050

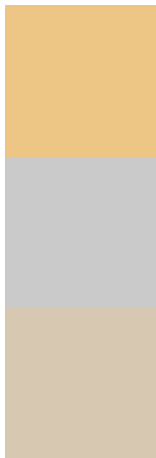
Deuteranomaly

59.4522, 0.3995, 0.3953

Tritanomaly

59.1767, 0.3652, 0.3434

Monochromacy



Original Color

59.6305, 0.3959, 0.3993

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.9300, 0.3420, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6305, 0.3959, 0.3993 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(237, 197, 133)` looks like.

```
.text, #text, p{  
    color:rgb(237, 197, 133)  
}
```

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(237, 197, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 197, 133) }
```

Border

The CSS property to change the border of an element to Yxy 59.6305, 0.3959, 0.3993 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(237, 197, 133) }
```

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

```
.border{ border-color:rgb(237, 197, 133) }
```

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

Here you see how a box with a 4 pixel rgb(237, 197, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 197, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 197, 133);  
box-shadow:4px 4px 4px 4px rgb(237, 197,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6305, 0.3959, 0.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 197, 133) }
```

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

```
.background{ background-color: rgb(237,  
197, 133) }
```

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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