

# Converting Colors

Yxy(59.0526, 0.3761, 0.3730)

Have a look what the booklet for  
Yxy(59.0526, 0.3761, 0.3730)  
contains.

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# Color

**Yxy(58.9229, 0.3761, 0.3728)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAC39C
RGB	234, 195, 156
RGB Percent	92%, 76%, 61%
CMY	0.0824, 0.2353, 0.3883
CMYK	0.00, 0.17, 0.33, 0.08
HSL	30°, 65%, 76%
HSV	30°, 33%, 92%
XYZ	59.4445, 58.9229, 39.6876
YIQ	202.2150, 35.7630, -3.8610

# Conversions

## Conversions Part 2

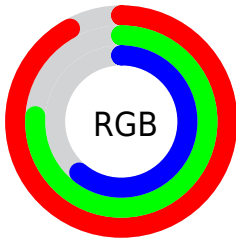
Format	Color
<a href="#">RYB</a>	<a href="#">234, 234, 156</a>
Decimal	<a href="#">15385500</a>
CIELab	<a href="#">81.25, 8.41, 24.81</a>
CIELCh	<a href="#">81, 26.193, 71.266</a>
Yxy	<a href="#">58.9229, 0.3761, 0.3728</a>
Android (android.graphics.Color)	<a href="#">4293575580</a> ( <a href="#">0xFFEAC39C</a> )
YUV	<a href="#">202.2150, -22.7840, 27.8754</a>
Hunter-Lab	<a href="#">76.7613, 3.8995, 23.0784</a>

# Details

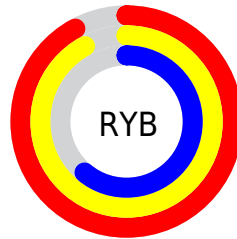
The Yxy color **58.9229, 0.3761, 0.3728** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.0241, 0.2592, 0.2806**, and the grayscale version is **59.3327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5840, 0.3392, 0.3693**, and **29.3963, 0.3930, 0.3831** is the 20% darker color. If you saturate the color by 10%, you get **53.1708, 0.4004, 0.3861**, and if you desaturate by 10%, it is **65.2436, 0.3542, 0.3592**.

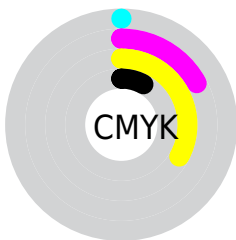
# Distribution



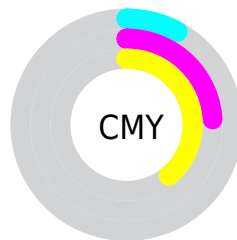
- Red (92%)
- Green (76%)
- Blue (61%)



- Red (92%)
- Yellow (92%)
- Blue (61%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (8%)




- Cyan (8%)
- Magenta (24%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9229, 0.3761, 0.3728 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 58.9229, 0.3761, 0.3728 by changing the saturation by 10% instead.




 58.9229, 0.3761,  
0.3728

 58.9229, 0.3761,  
0.3728


420.6161, 0.3456,  
0.3525

 42.5511, 0.3833,  
0.3774

 103.2656, 0.3653,  
0.3658

 29.5330, 0.3923,  
0.3830


 132.0052, 0.3612,  
0.3630

 19.4844, 0.4038,  
0.3899


165.6363, 0.3576,  
0.3607

 12.0208, 0.4191,  
0.3987

204.5431, 0.3546,  
0.3586

 6.7579, 0.4399,  
0.4099

249.1101, 0.3519,  
0.3568

 3.3111, 0.4699,  
0.4242

299.7217, 0.3495,

 1.2962, 0.5391,

0.3552

0.4609

356.7622, 0.3475,  
0.3538

0.1383, 0.7089,  
0.2911

0.0000, 0.0000,  
0.0000

58.9229, 0.3761,  
0.3728

58.9229, 0.3761,  
0.3728

53.1708, 0.4004,  
0.3861

65.2436, 0.3542,  
0.3592

47.9609, 0.4267,  
0.3983

72.1418, 0.3349,  
0.3458

43.2765, 0.4543,  
0.4082

79.6365, 0.3179,  
0.3331

39.0968, 0.4818,  
0.4146

87.7433, 0.3031,  
0.3211

■ 35.3987, 0.5076,  
0.4162

■ 95.2639, 0.2999,  
0.3275

■ 32.1560, 0.5300,  
0.4123

■ 96.2309, 0.2999,  
0.3290

■ 30.2261, 0.5428,  
0.4072

# Harmonies

## Analogous

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



58.9229, 0.3792, 0.3476



58.9229, 0.3761, 0.3728



58.9229, 0.3555, 0.3880

# Triad

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



58.9229, 0.3761, 0.3728



58.9229, 0.2640, 0.3358



58.9229, 0.2987, 0.2784

# Complementary

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



58.9229, 0.3761, 0.3728



52.0241, 0.2592, 0.2806

# 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.



58.9229, 0.2696, 0.2736



58.9229, 0.3761, 0.3728



58.9229, 0.2505, 0.3045

# Square

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



58.9229, 0.3761, 0.3728



58.9229, 0.2905, 0.3670



58.9229, 0.2525, 0.2824



58.9229, 0.3331, 0.2949



# Rectangle

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



58.9229, 0.3761, 0.3728



58.9229, 0.3351, 0.3892



58.9229, 0.2525, 0.2824



58.9229, 0.2880, 0.2753

# Sweetspot

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



58.9256, 0.3761, 0.3728



90.6021, 0.3290, 0.3416



45.2042, 0.3517, 0.2856



19.1226, 0.3315, 0.3434



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.



58.9256, 0.3761, 0.3728



66.7579, 0.3925, 0.3820



78.7312, 0.3630, 0.4121



16.2991, 0.3280, 0.3408



17.2388, 0.5404, 0.4091



1.5461, 0.5192, 0.4260

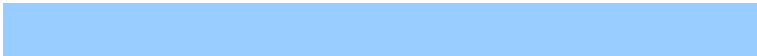


# Inverse Universe

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



52.0241, 0.2592, 0.2806



57.1658, 0.2480, 0.2686



36.7806, 0.2527, 0.2298



15.7927, 0.2981, 0.3169



10.7317, 0.1772, 0.1579



1.0351, 0.1842, 0.1830



# Previews

## White Background



This preview shows how the Yxy color 58.9229, 0.3761, 0.3728 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 58.9229, 0.3761, 0.3728 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

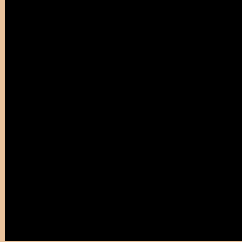
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 58.9229, 0.3761, 0.3728**

## **Background**



This preview shows how black text looks on a background with the Yxy color 58.9229, 0.3761, 0.3728.



This preview shows how white text looks on a background with the Yxy color 58.9229, 0.3761, 0.3728.

# 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**

58.9229, 0.3761, 0.3728

**Protanopia**

59.1913, 0.3554, 0.3797

**Deuteranopia**

58.9884, 0.3790, 0.3713



## Tritanopia

59.0577, 0.3432, 0.3139

# Trichromacy



**Original Color**

58.9229, 0.3761, 0.3728

**Protanomaly**

58.8451, 0.3629, 0.3765

**Deuteranomaly**

58.8167, 0.3782, 0.3714

**Tritanomaly**

58.8113, 0.3552, 0.3346

# Monochromacy



**Original Color**

58.9229, 0.3761, 0.3728

**Achromatopsia**

59.0619, 0.3127, 0.3290

**Achromatomaly**

58.6458, 0.3352, 0.3454

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.9229, 0.3761, 0.3728 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(234, 195, 156)` looks like.

```
.text, #text, p{  
    color:rgb(234, 195, 156)  
}
```

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(234, 195, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 195, 156) }
```

## Border

The CSS property to change the border of an element to Yxy 58.9229, 0.3761, 0.3728 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(234, 195, 156) }
```

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

```
.border{ border-color:rgb(234, 195, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 195, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 195, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 195, 156);  
box-shadow:4px 4px 4px 4px rgb(234, 195,  
156) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.9229, 0.3761, 0.3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 195, 156) }
```

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

```
.background{ background-color: rgb(234,  
195, 156) }
```

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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