

Converting Colors

$Y_{xy}(60.7772, 0.3748, 0.3722)$

Have a look what the booklet for
Yxy(60.7772, 0.3748, 0.3722)
contains.

Yxy(60.8959, 0.3752, 0.3722)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.8959, 0.3752, 0.3722)

Conversions

Conversions Part 1

Format	Color
Hex	EDC69F
RGB	237, 198, 159
RGB Percent	93%, 78%, 62%
CMY	0.0705, 0.2236, 0.3764
CMYK	0.00, 0.16, 0.33, 0.07
HSL	30°, 68%, 78%
HSV	30°, 33%, 93%
XYZ	61.3867, 60.8959, 41.3281
YIQ	205.2150, 35.7630, -3.8610

Conversions

Conversions Part 2

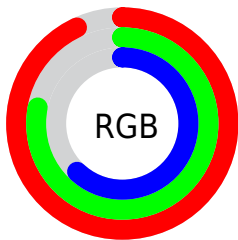
Format	Color
RYB	237, 237, 159
Decimal	15582879
CIELab	82.32, 8.39, 24.71
CIElCh	82, 26.100, 71.244
Yxy	60.8959, 0.3752, 0.3722
Android (android.graphics.Color)	4293772959 (0xFFEDC69F)
YUV	205.2150, -22.7840, 27.8754
Hunter-Lab	78.0358, 3.8540, 23.2249

Details

The Yxy color **60.8959, 0.3752, 0.3722** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.9059, 0.2599, 0.2813**, and the grayscale version is **61.3293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **30.7114, 0.3914, 0.3823** is the 20% darker color. If you saturate the color by 10%, you get **54.9410, 0.3994, 0.3855**, and if you desaturate by 10%, it is **67.4390, 0.3534, 0.3586**.

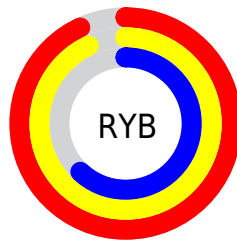
Distribution



Red (93%)

Green (78%)

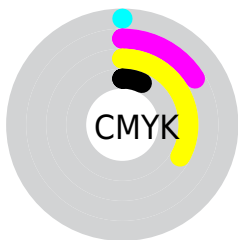
Blue (62%)



Red (93%)

Yellow (93%)

Blue (62%)

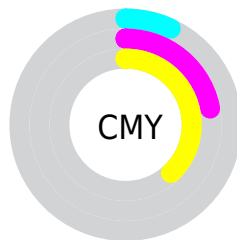


Cyan (0%)

Magenta (16%)

Yellow (33%)

Black (7%)



Cyan (7%)


Magenta (22%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8959, 0.3752, 0.3722 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 60.8959, 0.3752, 0.3722 by changing the saturation by 10% instead.


 60.8959, 0.3752,
0.3722

 60.8959, 0.3752,
0.3722


427.8922, 0.3453,
0.3522

 44.1412, 0.3822,
0.3767

 106.1282, 0.3647,
0.3653

 30.7815, 0.3910,
0.3821


 135.3745, 0.3606,
0.3626

 20.4325, 0.4022,
0.3889


169.5535, 0.3571,
0.3603

 12.7098, 0.4169,
0.3975

209.0496, 0.3541,
0.3583

 7.2290, 0.4369,
0.4083

254.2471, 0.3515,
0.3565

 3.6058, 0.4654,
0.4220

305.5304, 0.3492,

 1.4556, 0.5371,

0.3549

0.4629

363.2840, 0.3471,
0.3535

0.2571, 0.6360,
0.3640

0.0000, 0.0000,
0.0000

60.8959, 0.3752,
0.3722

60.8959, 0.3752,
0.3722

54.9410, 0.3994,
0.3855

67.4390, 0.3534,
0.3586

49.5471, 0.4257,
0.3978

74.5795, 0.3341,
0.3453

44.6970, 0.4533,
0.4078

82.3370, 0.3172,
0.3326

40.3692, 0.4810,
0.4143

90.7275, 0.3025,
0.3207

■ 36.5398, 0.5069,
0.4161

■ 96.7503, 0.3018,
0.3290

■ 33.1820, 0.5294,
0.4124

■ 31.0641, 0.5432,
0.4069

Harmonies

Analogous

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



60.8959, 0.3782, 0.3474



60.8959, 0.3752, 0.3722



60.8959, 0.3549, 0.3872

Triad

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



60.8959, 0.3752, 0.3722



60.8959, 0.2647, 0.3358



60.8959, 0.2989, 0.2791

Complementary

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



60.8959, 0.3752, 0.3722



53.9059, 0.2599, 0.2813

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.



60.8959, 0.2702, 0.2743



60.8959, 0.3752, 0.3722



60.8959, 0.2514, 0.3049

Square

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



60.8959, 0.3752, 0.3722



60.8959, 0.2909, 0.3665



60.8959, 0.2534, 0.2830



60.8959, 0.3328, 0.2954

Rectangle

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



60.8959, 0.3752, 0.3722



60.8959, 0.3348, 0.3883



60.8959, 0.2534, 0.2830



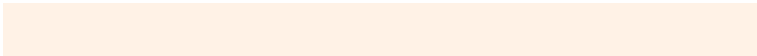
60.8959, 0.2883, 0.2761

Sweetspot

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



60.8987, 0.3752, 0.3722



90.5915, 0.3290, 0.3415



46.9523, 0.3498, 0.2847



19.1201, 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.



60.8987, 0.3752, 0.3722



67.4180, 0.3900, 0.3806



80.3517, 0.3628, 0.4099



16.2973, 0.3280, 0.3408



17.2172, 0.5406, 0.4089



1.5444, 0.5193, 0.4258

Inverse Universe

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



53.9059, 0.2599, 0.2813



58.0588, 0.2496, 0.2705



38.7423, 0.2538, 0.2329



15.7945, 0.2981, 0.3169



10.7533, 0.1773, 0.1582



1.0368, 0.1842, 0.1832

Previews

White Background



This preview shows how the Yxy color 60.8959, 0.3752, 0.3722 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 60.8959, 0.3752, 0.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

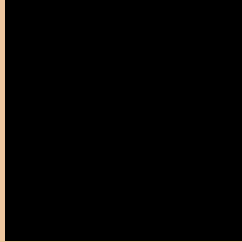
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8959, 0.3752, 0.3722

Background



This preview shows how black text looks on a background with the Yxy color 60.8959, 0.3752, 0.3722.



This preview shows how white text looks on a background with the Yxy color 60.8959, 0.3752, 0.3722.

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

60.8959, 0.3752, 0.3722

Protanopia

61.1767, 0.3548, 0.3790

Deuteranopia

60.9610, 0.3781, 0.3708



Tritanopia

60.5951, 0.3430, 0.3130

Trichromacy



Original Color

60.8959, 0.3752, 0.3722

Protanomaly

60.8218, 0.3622, 0.3759

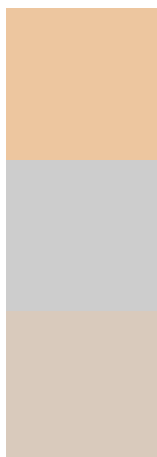
Deuteranomaly

60.7864, 0.3772, 0.3709

Tritanomaly

60.7830, 0.3545, 0.3346

Monochromacy



Original Color

60.8959, 0.3752, 0.3722

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.6236, 0.3349, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8959, 0.3752, 0.3722 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, 198, 159)` looks like.

```
.text, #text, p{  
    color:rgb(237, 198, 159)  
}
```

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, 198, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 198, 159) }
```

Border

The CSS property to change the border of an element to Yxy 60.8959, 0.3752, 0.3722 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, 198, 159) }
```

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

```
.border{ border-color:rgb(237, 198, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 198, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 198, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 198, 159);  
box-shadow:4px 4px 4px 4px rgb(237, 198,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8959, 0.3752, 0.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 198, 159) }
```

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

```
.background{ background-color: rgb(237,  
198, 159) }
```

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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