

Converting Colors

$Yxy(55.5155, 0.3786, 0.3625)$

Have a look what the booklet for
Yxy(55.5155, 0.3786, 0.3625)
contains.

Yxy(55.6371, 0.3790, 0.3629)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.6371, 0.3790, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	EBBB9D
RGB	235, 187, 157
RGB Percent	92%, 73%, 62%
CMY	0.0786, 0.2666, 0.3844
CMYK	0.00, 0.20, 0.33, 0.08
HSL	23°, 66%, 77%
HSV	23°, 33%, 92%
XYZ	58.1054, 55.6371, 39.5700
YIQ	197.9320, 38.2380, 0.8460

Conversions

Conversions Part 2

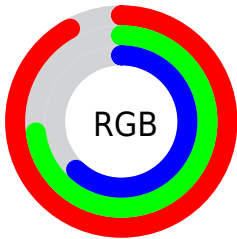
Format	Color
R _Y B	235, 206, 157
Decimal	15448989
CIE Lab	79.41, 13.12, 21.77
CIE LCh	79, 25.417, 58.927
Yxy	55.6371, 0.3790, 0.3629
Android (android.graphics.Color)	4293639069 (0xFFE BBB9D)
YUV	197.9320, -20.1795, 32.5086
Hunter-Lab	74.5903, 8.5176, 20.7600

Details

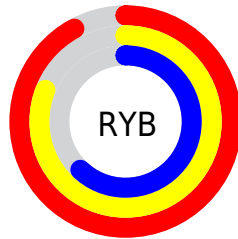
The Yxy color **55.6371, 0.3790, 0.3629** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.7880, 0.2609, 0.2922**, and the grayscale version is **56.5352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1147, 0.3400, 0.3598**, and **27.5558, 0.3961, 0.3702** is the 20% darker color. If you saturate the color by 10%, you get **49.0881, 0.4059, 0.3733**, and if you desaturate by 10%, it is **62.9621, 0.3554, 0.3523**.

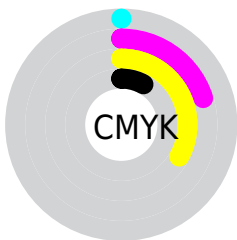
Distribution



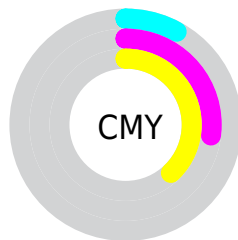
- Red (92%)
- Green (73%)
- Blue (62%)



- Red (92%)
- Yellow (81%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (8%)





- Cyan (8%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6371, 0.3790, 0.3629 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 55.6371, 0.3790, 0.3629 by changing the saturation by 10% instead.


 55.6371, 0.3790,
0.3629


 55.6371, 0.3790,
0.3629


408.3224, 0.3466,
0.3473

 39.9120, 0.3868,
0.3664


 98.4738, 0.3674,
0.3576

 27.4700, 0.3966,
0.3706


 126.3542, 0.3630,
0.3555

 17.9265, 0.4093,
0.3757


159.0552, 0.3593,
0.3536

 10.8972, 0.4264,
0.3821

196.9611, 0.3561,
0.3520

 5.9978, 0.4503,
0.3900

240.4564, 0.3533,
0.3507

 2.8437, 0.4860,
0.3993

289.9255, 0.3508,

 1.0507, 0.5717,

0.3494

0.4283

345.7527, 0.3486,
0.3483

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.6371, 0.3790,
0.3629

55.6371, 0.3790,
0.3629

49.0881, 0.4059,
0.3733

62.9621, 0.3554,
0.3523

43.2804, 0.4360,
0.3827

71.0809, 0.3351,
0.3419

38.1877, 0.4685,
0.3900

80.0203, 0.3177,
0.3320

33.7791, 0.5017,
0.3939

89.8035, 0.3028,
0.3228

■ 30.0209, 0.5334,
0.3931

■ 96.3946, 0.3005,
0.3290

■ 26.8751, 0.5607,
0.3871

■ 25.0533, 0.5764,
0.3805

Harmonies

Analogous

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



55.6371, 0.3741, 0.3361



55.6371, 0.3790, 0.3629



55.6371, 0.3652, 0.3829

Triad

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



55.6371, 0.3790, 0.3629



55.6371, 0.2740, 0.3491



55.6371, 0.2859, 0.2754

Complementary

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



55.6371, 0.3790, 0.3629



56.7880, 0.2609, 0.2922

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.



55.6371, 0.2615, 0.2760



55.6371, 0.3790, 0.3629



55.6371, 0.2549, 0.3168

Square

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



55.6371, 0.3790, 0.3629



55.6371, 0.3040, 0.3765



55.6371, 0.2505, 0.2904



55.6371, 0.3188, 0.2873

Rectangle

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



55.6371, 0.3790, 0.3629



55.6371, 0.3477, 0.3888



55.6371, 0.2505, 0.2904



55.6371, 0.2765, 0.2741

Sweetspot

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



55.6397, 0.3790, 0.3629



88.8675, 0.3294, 0.3387



46.1765, 0.3429, 0.2762



18.7038, 0.3319, 0.3401



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.



55.6397, 0.3790, 0.3629



61.3879, 0.3975, 0.3702



74.4051, 0.3656, 0.4031



16.0054, 0.3283, 0.3381



14.1782, 0.5735, 0.3828



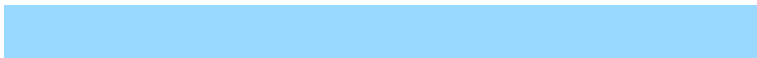
1.2947, 0.5478, 0.4033

Inverse Universe

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



56.7880, 0.2609, 0.2922



62.9542, 0.2503, 0.2830



40.4667, 0.2545, 0.2421



16.0908, 0.2981, 0.3197



14.7739, 0.1883, 0.1978



1.3455, 0.1939, 0.2179

Previews

White Background



This preview shows how the Yxy color 55.6371, 0.3790, 0.3629 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 55.6371, 0.3790, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

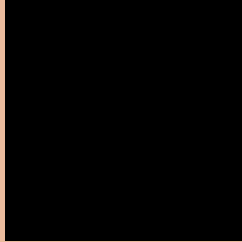
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6371, 0.3790, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 55.6371, 0.3790, 0.3629.



This preview shows how white text looks on a background with the Yxy color 55.6371, 0.3790, 0.3629.

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

55.6371, 0.3790, 0.3629

Protanopia

55.9510, 0.3485, 0.3714

Deuteranopia

55.6525, 0.3739, 0.3656



Tritanopia

55.7921, 0.3503, 0.3138

Trichromacy



Original Color

55.6371, 0.3790, 0.3629

Protanomaly

55.5834, 0.3597, 0.3680

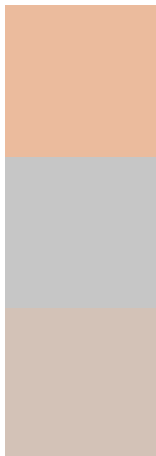
Deuteranomaly

55.5566, 0.3760, 0.3643

Tritanomaly

55.8355, 0.3611, 0.3314

Monochromacy



Original Color

55.6371, 0.3790, 0.3629

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8514, 0.3351, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6371, 0.3790, 0.3629 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(235, 187, 157)` looks like.

```
.text, #text, p{  
    color:rgb(235, 187, 157)  
}
```

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(235, 187, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 187, 157) }
```

Border

The CSS property to change the border of an element to Yxy 55.6371, 0.3790, 0.3629 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(235, 187, 157) }
```

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

```
.border{ border-color:rgb(235, 187, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 187, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 187, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 187, 157);  
box-shadow:4px 4px 4px 4px rgb(235, 187,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6371, 0.3790, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 187, 157) }
```

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

```
.background{ background-color: rgb(235,  
187, 157) }
```

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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