

Converting Colors

$Yxy(60.5483, 0.3786, 0.3792)$

Have a look what the booklet for
Yxy(60.5483, 0.3786, 0.3792)
contains.

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Color

Yxy(60.5209, 0.3791, 0.3790)

Conversions

Conversions Part 1

Format	Color
Hex	ECC699
RGB	236, 198, 153
RGB Percent	93%, 78%, 60%
CMY	0.0745, 0.2235, 0.4000
CMYK	0.00, 0.16, 0.35, 0.07
HSL	33°, 69%, 76%
HSV	33°, 35%, 93%
XYZ	60.5369, 60.5209, 38.6280
YIQ	204.2320, 37.0930, -5.9390

Conversions

Conversions Part 2

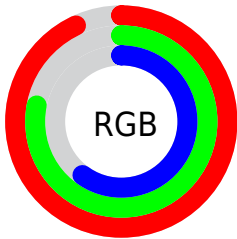
Format	Color
R _Y B	223, 236, 153
Decimal	15517337
CIE Lab	82.12, 7.26, 27.59
CIE LCh	82, 28.530, 75.257
Yxy	60.5209, 0.3791, 0.3790
Android (android.graphics.Color)	4293707417 (0xFFECC699)
YUV	204.2320, -25.2574, 27.8605
Hunter-Lab	77.7952, 2.7595, 25.0171

Details

The Yxy color **60.5209, 0.3791, 0.3790** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.0909, 0.2556, 0.2729**, and the grayscale version is **60.6849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **30.4895, 0.3956, 0.3895** is the 20% darker color. If you saturate the color by 10%, you get **55.0547, 0.4028, 0.3932**, and if you desaturate by 10%, it is **66.4993, 0.3574, 0.3643**.

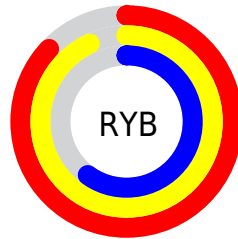
Distribution



Red (93%)

Green (78%)

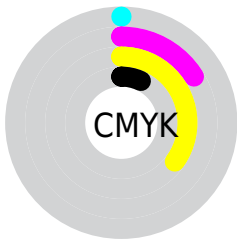
Blue (60%)



Red (87%)

Yellow (93%)

Blue (60%)

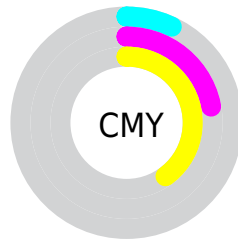


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (7%)



Cyan (7%)


Magenta (22%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5209, 0.3791, 0.3790 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 60.5209, 0.3791, 0.3790 by changing the saturation by 10% instead.

 60.5209, 0.3791,
0.3790


 60.5209, 0.3791,
0.3790


426.5151, 0.3474,
0.3559

 43.8386, 0.3865,
0.3842


 105.5849, 0.3679,
0.3710

 30.5437, 0.3957,
0.3905


 134.7355, 0.3637,
0.3679

 20.2516, 0.4074,
0.3983


168.8109, 0.3600,
0.3652

 12.5781, 0.4227,
0.4082

208.1956, 0.3568,
0.3629

 7.1387, 0.4432,
0.4206

253.2740, 0.3540,
0.3608

 3.5490, 0.4726,
0.4367

304.4305, 0.3515,

 1.4246, 0.5309,

0.3590

0.4691

362.0494, 0.3493,
0.3573

0.2348, 0.6304,
0.3696

0.0000, 0.0000,
0.0000

60.5209, 0.3791,
0.3790

60.5209, 0.3791,
0.3790

55.0547, 0.4028,
0.3932

66.4993, 0.3574,
0.3643

50.0759, 0.4280,
0.4060

72.9969, 0.3380,
0.3498

45.5697, 0.4539,
0.4163

80.0313, 0.3208,
0.3359

41.5168, 0.4792,
0.4228

87.6164, 0.3056,
0.3228

■ 37.8958, 0.5024,
0.4244

■ 94.6915, 0.3011,
0.3260

■ 34.6822, 0.5220,
0.4204

■ 96.5736, 0.3011,
0.3290

■ 33.2610, 0.5304,
0.4170

Harmonies

Analogous

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



60.5209, 0.3853, 0.3527



60.5209, 0.3791, 0.3790



60.5209, 0.3546, 0.3937

Triad

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



60.5209, 0.3791, 0.3790



60.5209, 0.2574, 0.3315



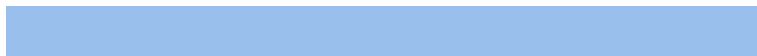
60.5209, 0.3023, 0.2764

Complementary

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



60.5209, 0.3791, 0.3790



50.0909, 0.2556, 0.2729

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.



60.5209, 0.2698, 0.2693



60.5209, 0.3791, 0.3790



60.5209, 0.2452, 0.2985

Square

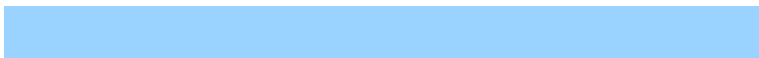
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.5209, 0.3791, 0.3790



60.5209, 0.2843, 0.3662



60.5209, 0.2496, 0.2766



60.5209, 0.3395, 0.2955

Rectangle

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



60.5209, 0.3791, 0.3790



60.5209, 0.3319, 0.3934



60.5209, 0.2496, 0.2766



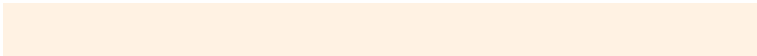
60.5209, 0.2905, 0.2725

Sweetspot

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



60.5237, 0.3791, 0.3790



90.4019, 0.3307, 0.3440



44.4106, 0.3573, 0.2861



19.1083, 0.3330, 0.3459



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.



60.5237, 0.3791, 0.3790



67.5223, 0.3955, 0.3891



79.6568, 0.3636, 0.4172



16.4073, 0.3279, 0.3418



18.5957, 0.5282, 0.4188



1.6523, 0.5090, 0.4341

Inverse Universe

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



50.0909, 0.2556, 0.2729



53.4081, 0.2438, 0.2594



35.8842, 0.2508, 0.2239



15.6851, 0.2980, 0.3159



9.5075, 0.1734, 0.1442



0.9369, 0.1807, 0.1706

Previews

White Background



This preview shows how the Yxy color 60.5209, 0.3791, 0.3790 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 60.5209, 0.3791, 0.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

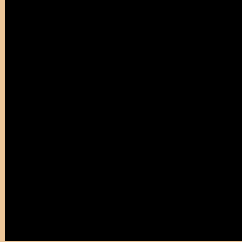
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5209, 0.3791, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 60.5209, 0.3791, 0.3790.



This preview shows how white text looks on a background with the Yxy color 60.5209, 0.3791, 0.3790.

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

60.5209, 0.3791, 0.3790

Protanopia

60.6461, 0.3604, 0.3848

Deuteranopia

60.4805, 0.3841, 0.3761



Tritanopia

60.5951, 0.3430, 0.3130

Trichromacy



Original Color

60.5209, 0.3791, 0.3790

Protanomaly

60.6152, 0.3668, 0.3828

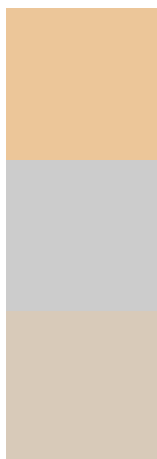
Deuteranomaly

60.5831, 0.3820, 0.3775

Tritanomaly

60.6967, 0.3562, 0.3368

Monochromacy



Original Color

60.5209, 0.3791, 0.3790

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3428, 0.3364, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5209, 0.3791, 0.3790 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(236, 198, 153)` looks like.

```
.text, #text, p{  
    color:rgb(236, 198, 153)  
}
```

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(236, 198, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 198, 153) }
```

Border

The CSS property to change the border of an element to Yxy 60.5209, 0.3791, 0.3790 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(236, 198, 153) }
```

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

```
.border{ border-color:rgb(236, 198, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 198, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 198, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 198, 153);  
box-shadow:4px 4px 4px 4px rgb(236, 198,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5209, 0.3791, 0.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 198, 153) }
```

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

```
.background{ background-color: rgb(236,  
198, 153) }
```

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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