

Converting Colors

$Yxy(50.0851, 0.3813, 0.3417)$

Have a look what the booklet for
Yxy(50.0851, 0.3813, 0.3417)
contains.

Yxy(49.9111, 0.3818, 0.3416)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(49.9111, 0.3818, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	ECACA1
RGB	236, 172, 161
RGB Percent	93%, 67%, 63%
CMY	0.0744, 0.3255, 0.3686
CMYK	0.00, 0.27, 0.32, 0.07
HSL	9°, 66%, 78%
HSV	9°, 32%, 93%
XYZ	55.7847, 49.9111, 40.4140
YIQ	189.8820, 41.6750, 10.1470

Conversions

Conversions Part 2

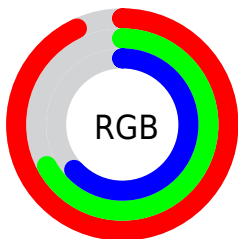
Format	Color
RYP	236, 174, 161
Decimal	15510689
CIELab	76.01, 22.01, 14.91
CIELCh	76, 26.590, 34.117
Yxy	49.9111, 0.3818, 0.3416
Android (android.graphics.Color)	4293700769 (0xFFECACA1)
YUV	189.8820, -14.2388, 40.4455
Hunter-Lab	70.6478, 17.3131, 15.5367

Details

The Yxy color **49.9111, 0.3818, 0.3416** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.5077, 0.2657, 0.3159**, and the grayscale version is **51.4887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7047, 0.3397, 0.3411**, and **23.8815, 0.4025, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **42.0622, 0.4137, 0.3456**, and if you desaturate by 10%, it is **59.0843, 0.3552, 0.3375**.

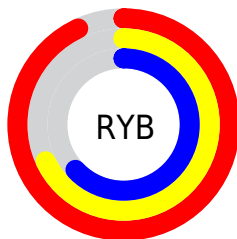
Distribution



Red (93%)

Green (67%)

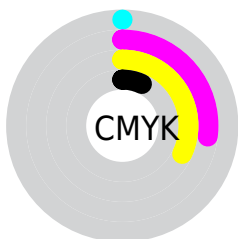
Blue (63%)



Red (93%)

Yellow (68%)

Blue (63%)

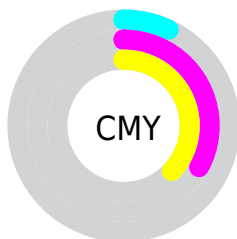


Cyan (0%)

Magenta (27%)

Yellow (32%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.9111, 0.3818, 0.3416 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 49.9111, 0.3818, 0.3416 by changing the saturation by 10% instead.


 49.9111, 0.3818,
0.3416


 49.9111, 0.3818,
0.3416


386.3182, 0.3473,
0.3363

 35.3428, 0.3904,
0.3426


 90.0431, 0.3693,
0.3399

 23.9270, 0.4013,
0.3438


 116.3756, 0.3646,
0.3392

 15.2795, 0.4157,
0.3450


147.3983, 0.3606,
0.3386

 9.0158, 0.4356,
0.3460

183.4956, 0.3572,
0.3380

 4.7515, 0.4646,
0.3465

225.0518, 0.3542,
0.3375

 2.1022, 0.5102,
0.3443

272.4514, 0.3516,

 0.6659, 0.6460,

0.3371

0.3540

326.0787, 0.3493,
0.3367

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.9111, 0.3818,
0.3416

49.9111, 0.3818,
0.3416

42.0622, 0.4137,
0.3456

59.0843, 0.3552,
0.3375

35.4695, 0.4512,
0.3491

69.6318, 0.3334,
0.3334

30.0695, 0.4932,
0.3514

81.6096, 0.3155,
0.3296

25.7903, 0.5371,
0.3518

95.0416, 0.3012,
0.3266

■ 22.5520, 0.5781,
0.3495

■ 96.5776, 0.3012,
0.3290

■ 20.2638, 0.6105,
0.3445

■ 19.0144, 0.6282,
0.3394

Harmonies

Analogous

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



49.9111, 0.3602, 0.3121



49.9111, 0.3818, 0.3416



49.9111, 0.3834, 0.3699

Triad

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



49.9111, 0.3818, 0.3416



49.9111, 0.2970, 0.3766



49.9111, 0.2609, 0.2706

Complementary

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



49.9111, 0.3818, 0.3416



67.5077, 0.2657, 0.3159

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.



49.9111, 0.2464, 0.2834



49.9111, 0.3818, 0.3416



49.9111, 0.2662, 0.3447

Square

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



49.9111, 0.3818, 0.3416



49.9111, 0.3332, 0.3933



49.9111, 0.2482, 0.3099



49.9111, 0.2893, 0.2725

Rectangle

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



49.9111, 0.3818, 0.3416



49.9111, 0.3731, 0.3846



49.9111, 0.2482, 0.3099



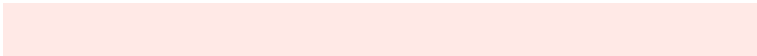
49.9111, 0.2544, 0.2732

Sweetspot

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



49.9135, 0.3818, 0.3416



85.3558, 0.3300, 0.3327



48.8218, 0.3248, 0.2596



17.8591, 0.3327, 0.3333



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.



49.9135, 0.3818, 0.3416



53.3482, 0.4015, 0.3442



65.7766, 0.3693, 0.3812



15.4099, 0.3289, 0.3325



10.5916, 0.6262, 0.3410



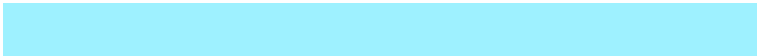
0.9421, 0.6033, 0.3592

Inverse Universe

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



67.5077, 0.2657, 0.3159



77.2966, 0.2573, 0.3129



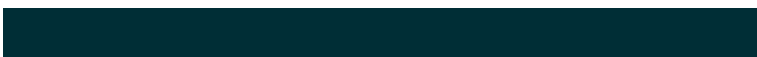
49.8218, 0.2602, 0.2704



16.7240, 0.2981, 0.3255



26.6263, 0.2117, 0.2819



2.1933, 0.2136, 0.2891

Previews

White Background



This preview shows how the Yxy color 49.9111, 0.3818, 0.3416 looks on a white background.

Color Contrast Check

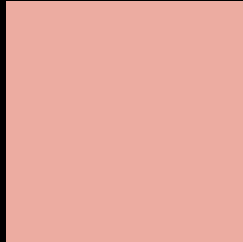
Large Text (above 18pt) WCAG AA × Fail

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 49.9111, 0.3818, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

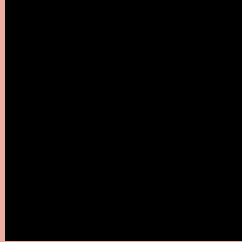
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.9111, 0.3818, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 49.9111, 0.3818, 0.3416.



This preview shows how white text looks on a background with the Yxy color 49.9111, 0.3818, 0.3416.

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

49.9111, 0.3818, 0.3416

Protanopia

50.1410, 0.3346, 0.3518

Deuteranopia

50.1499, 0.3623, 0.3556



Tritanopia

49.9305, 0.3649, 0.3147

Trichromacy



Original Color

49.9111, 0.3818, 0.3416

Protanomaly

50.0580, 0.3515, 0.3486

Deuteranomaly

50.0668, 0.3687, 0.3503

Tritanomaly

49.8100, 0.3712, 0.3247

Monochromacy



Original Color

49.9111, 0.3818, 0.3416

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.3870, 0.3367, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9111, 0.3818, 0.3416 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, 172, 161)` looks like.

```
.text, #text, p{  
    color:rgb(236, 172, 161)  
}
```

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, 172, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 172, 161) }
```

Border

The CSS property to change the border of an element to Yxy 49.9111, 0.3818, 0.3416 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, 172, 161) }
```

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

```
.border{ border-color:rgb(236, 172, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 172, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 172, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 172, 161);  
box-shadow:4px 4px 4px 4px rgb(236, 172,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9111, 0.3818, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 172, 161) }
```

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

```
.background{ background-color: rgb(236,  
172, 161) }
```

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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