

Converting Colors

$Yxy(48.6673, 0.3841, 0.3378)$

Have a look what the booklet for
Yxy(48.6673, 0.3841, 0.3378)
contains.

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Color

Yxy(48.5830, 0.3841, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	EDA8A1
RGB	237, 168, 161
RGB Percent	93%, 66%, 63%
CMY	0.0707, 0.3411, 0.3686
CMYK	0.00, 0.29, 0.32, 0.07
HSL	6°, 68%, 78%
HSV	6°, 32%, 93%
XYZ	55.3567, 48.5830, 40.1808
YIQ	187.8330, 43.3710, 12.4510

Conversions

Conversions Part 2

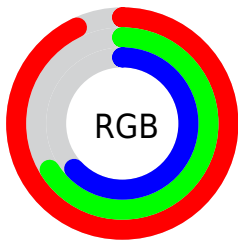
Format	Color
<code>RGB</code>	<code>237, 169, 161</code>
Decimal	<code>15575201</code>
CIELab	<code>75.19, 24.49, 13.77</code>
CIELCh	<code>75, 28.096, 29.350</code>
Yxy	<code>48.5830, 0.3841, 0.3371</code>
Android (<code>android.graphics.Color</code>)	<code>4293765281</code> (<code>0xFFEDA8A1</code>)
YUV	<code>187.8330, -13.2287, 43.1195</code>
Hunter-Lab	<code>69.7015, 19.7864, 14.6122</code>

Details

The Yxy color **48.5830, 0.3841, 0.3371** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.2711, 0.2659, 0.3207**, and the grayscale version is **50.2490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5292, 0.3404, 0.3371**, and **22.9493, 0.4049, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **40.5291, 0.4175, 0.3397**, and if you desaturate by 10%, it is **58.1140, 0.3566, 0.3345**.

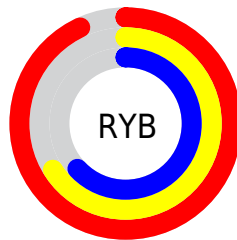
Distribution



Red (93%)

Green (66%)

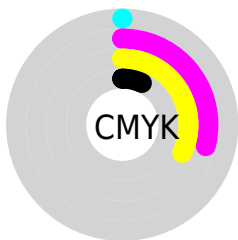
Blue (63%)



Red (93%)

Yellow (66%)

Blue (63%)

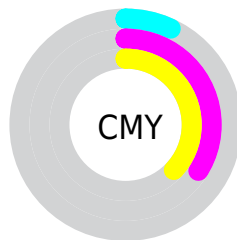


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (7%)



Cyan (7%)


Magenta (34%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5830, 0.3841, 0.3371 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 48.5830, 0.3841, 0.3371 by changing the saturation by 10% instead.


 48.5830, 0.3841,
0.3371


 48.5830, 0.3841,
0.3371


381.0984, 0.3483,
0.3340

 34.2888, 0.3930,
0.3376


 88.0718, 0.3711,
0.3362

 23.1156, 0.4045,
0.3380

 114.0352, 0.3662,
0.3358

 14.6789, 0.4196,
0.3383


144.6571, 0.3621,
0.3354

 8.5943, 0.4406,
0.3381

180.3220, 0.3585,
0.3351

 4.4775, 0.4714,
0.3366

221.4141, 0.3554,
0.3348

 1.9441, 0.5205,
0.3315

268.3180, 0.3528,

 0.5747, 0.6728,

0.3345

0.3272

321.4179, 0.3504,
0.3343

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.5830, 0.3841,
0.3371

48.5830, 0.3841,
0.3371

40.5291, 0.4175,
0.3397

58.1140, 0.3566,
0.3345

33.8718, 0.4568,
0.3418

69.1834, 0.3342,
0.3319

28.5336, 0.5010,
0.3431

81.8579, 0.3160,
0.3295

24.4264, 0.5467,
0.3431

96.1461, 0.3017,
0.3281

■ 21.4515, 0.5883,
0.3412

■ 96.7415, 0.3017,
0.3290

■ 19.4948, 0.6193,
0.3376

■ 18.5698, 0.6343,
0.3346

Harmonies

Analogous

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



48.5830, 0.3581, 0.3063



48.5830, 0.3841, 0.3371



48.5830, 0.3893, 0.3679

Triad

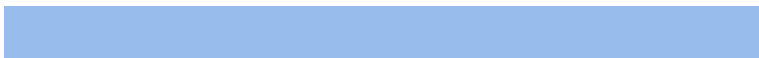
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.5830, 0.3841, 0.3371



48.5830, 0.3018, 0.3841



48.5830, 0.2541, 0.2680

Complementary

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



48.5830, 0.3841, 0.3371



70.2711, 0.2659, 0.3207

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.



48.5830, 0.2414, 0.2839



48.5830, 0.3841, 0.3371



48.5830, 0.2676, 0.3517

Square

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



48.5830, 0.3841, 0.3371



48.5830, 0.3404, 0.3985



48.5830, 0.2461, 0.3140



48.5830, 0.2822, 0.2677

Rectangle

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



48.5830, 0.3841, 0.3371



48.5830, 0.3804, 0.3848



48.5830, 0.2461, 0.3140



48.5830, 0.2480, 0.2716

Sweetspot

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



48.5853, 0.3841, 0.3371



84.5749, 0.3302, 0.3314



49.2435, 0.3217, 0.2553



17.6719, 0.3329, 0.3317



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.



48.5853, 0.3841, 0.3371



51.3829, 0.4037, 0.3387



64.3936, 0.3711, 0.3777



15.2773, 0.3291, 0.3312



10.2214, 0.6328, 0.3358



0.8791, 0.6159, 0.3491

Inverse Universe

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



70.2711, 0.2659, 0.3207



80.4494, 0.2582, 0.3189



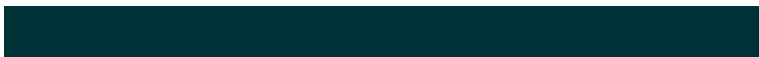
51.6825, 0.2603, 0.2747



16.8705, 0.2981, 0.3268



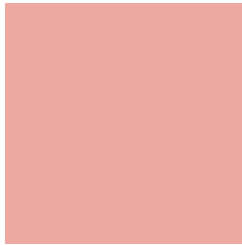
30.0156, 0.2166, 0.2999



2.4264, 0.2179, 0.3042

Previews

White Background



This preview shows how the Yxy color 48.5830, 0.3841, 0.3371 looks on a white background.

Color Contrast Check

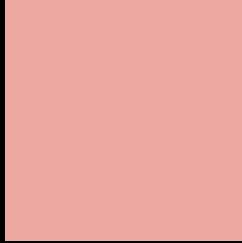
Large Text (above 18pt) WCAG AA × Fail

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 48.5830, 0.3841, 0.3371 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 48.5830, 0.3841, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 48.5830, 0.3841, 0.3371.



This preview shows how white text looks on a background with the Yxy color 48.5830, 0.3841, 0.3371.

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

48.5830, 0.3841, 0.3371

Protanopia

48.9377, 0.3315, 0.3482

Deuteranopia

48.8895, 0.3602, 0.3535



Tritanopia

48.4753, 0.3706, 0.3147

Trichromacy



Original Color

48.5830, 0.3841, 0.3371

Protanomaly

48.5855, 0.3495, 0.3438

Deuteranomaly

48.7276, 0.3688, 0.3469

Tritanomaly

48.4281, 0.3752, 0.3225

Monochromacy



Original Color

48.5830, 0.3841, 0.3371

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.3839, 0.3370, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5830, 0.3841, 0.3371 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, 168, 161)` looks like.

```
.text, #text, p{  
    color:rgb(237, 168, 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(237, 168, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 168, 161) }
```

Border

The CSS property to change the border of an element to Yxy 48.5830, 0.3841, 0.3371 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, 168, 161) }
```

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

```
.border{ border-color:rgb(237, 168, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 168, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 168, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 168, 161);  
box-shadow:4px 4px 4px 4px rgb(237, 168,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5830, 0.3841, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 168, 161) }
```

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

```
.background{ background-color: rgb(237,  
168, 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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