

Converting Colors

Yxy(51.1740, 0.3668, 0.3238)

Have a look what the booklet for
Yxy(51.1740, 0.3668, 0.3238)
contains.

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Color

Yxy(51.1060, 0.3666, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	EDADB2
RGB	237, 173, 178
RGB Percent	93%, 68%, 70%
CMY	0.0707, 0.3215, 0.3020
CMYK	0.00, 0.27, 0.25, 0.07
HSL	355°, 64%, 80%
HSV	355°, 27%, 93%
XYZ	57.8970, 51.1060, 48.9266
YIQ	192.7060, 36.5390, 15.1230

Conversions

Conversions Part 2

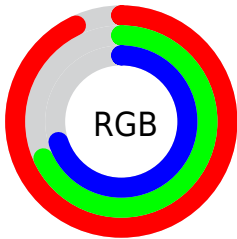
Format	Color
R_{YB}	237, 173, 178
Decimal	15576498
CIE _{Lab}	76.74, 24.09, 6.71
CIE _{LCh}	77, 25.010, 15.572
Yxy	51.1060, 0.3666, 0.3236
Android (android.graphics.Color)	4293766578 (0xFFEDADB2)
YUV	192.7060, -7.2501, 38.8458
Hunter-Lab	71.4885, 19.4585, 9.4640

Details

The Yxy color **51.1060, 0.3666, 0.3236** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75.2659, 0.2760, 0.3346**, and the grayscale version is **53.1746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2391, 0.3275, 0.3241**, and **24.6169, 0.3824, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **42.0017, 0.3960, 0.3216**, and if you desaturate by 10%, it is **61.9667, 0.3428, 0.3257**.

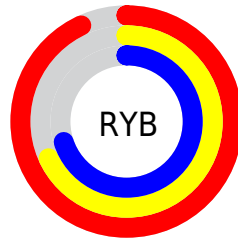
Distribution



Red (93%)

Green (68%)

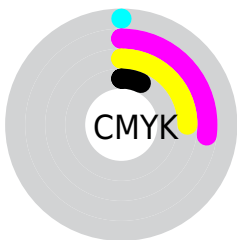
Blue (70%)



Red (93%)

Yellow (68%)

Blue (70%)

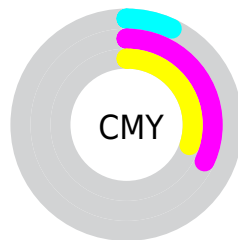


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (7%)



Cyan (7%)


Magenta (32%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1060, 0.3666, 0.3236 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 51.1060, 0.3666, 0.3236 by changing the saturation by 10% instead.


 51.1060, 0.3666,
0.3236

 51.1060, 0.3666,
0.3236


390.9755, 0.3399,
0.3267

 36.2930, 0.3732,
0.3227


 91.8114, 0.3569,
0.3248

 24.6606, 0.3816,
0.3215


118.4726, 0.3533,
0.3252

 15.8243, 0.3927,
0.3199


149.8520, 0.3502,
0.3256

 9.3999, 0.4081,
0.3174

186.3340, 0.3476,
0.3259

 5.0030, 0.4306,
0.3133

228.3029, 0.3453,
0.3261

 2.2490, 0.4664,
0.3058

276.1432, 0.3432,

 0.7465, 0.5596,

0.3263

0.3016

330.2393, 0.3415,
0.3265

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.1060, 0.3666,
0.3236

51.1060, 0.3666,
0.3236

42.0017, 0.3960,
0.3216

61.9667, 0.3428,
0.3257

34.5548, 0.4317,
0.3197

74.6618, 0.3237,
0.3277

28.6677, 0.4733,
0.3185

89.2730, 0.3085,
0.3295

24.2294, 0.5191,
0.3182

96.7400, 0.3017,
0.3290

■ 21.1143, 0.5644,
0.3193

■ 19.1754, 0.6029,
0.3219

■ 18.2251, 0.6283,
0.3256

■ 18.0450, 0.6334,
0.3263

Harmonies

Analogous

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



51.1060, 0.3380, 0.2981



51.1060, 0.3666, 0.3236



51.1060, 0.3800, 0.3516

Triad

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



51.1060, 0.3666, 0.3236



51.1060, 0.3190, 0.3850



51.1060, 0.2540, 0.2802

Complementary

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



51.1060, 0.3666, 0.3236



75.2659, 0.2760, 0.3346

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.



51.1060, 0.2498, 0.3006



51.1060, 0.3666, 0.3236



51.1060, 0.2861, 0.3631

Square

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



51.1060, 0.3666, 0.3236



51.1060, 0.3514, 0.3890



51.1060, 0.2611, 0.3311



51.1060, 0.2731, 0.2734

Rectangle

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



51.1060, 0.3666, 0.3236



51.1060, 0.3783, 0.3686



51.1060, 0.2611, 0.3311



51.1060, 0.2509, 0.2856

Sweetspot

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



51.1084, 0.3666, 0.3236



86.5148, 0.3255, 0.3275



53.1036, 0.3115, 0.2609



18.0100, 0.3282, 0.3272



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.



51.1084, 0.3666, 0.3236



54.5856, 0.3810, 0.3225



62.1722, 0.3635, 0.3585



15.0730, 0.3281, 0.3272



9.8617, 0.6315, 0.3252



0.7810, 0.6102, 0.3135

Inverse Universe

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



51.1084, 0.3666, 0.3236



54.5856, 0.3810, 0.3225



61.2536, 0.2703, 0.2975



15.0730, 0.3281, 0.3272



9.8617, 0.6315, 0.3252



0.7810, 0.6102, 0.3135

Previews

White Background



This preview shows how the Yxy color 51.1060, 0.3666, 0.3236 looks on a white background.

Color Contrast Check

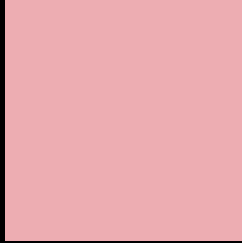
Large Text (above 18pt) WCAG AA × Fail

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 51.1060, 0.3666, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

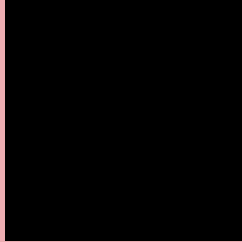
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1060, 0.3666, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 51.1060, 0.3666, 0.3236.



This preview shows how white text looks on a background with the Yxy color 51.1060, 0.3666, 0.3236.

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

51.1060, 0.3666, 0.3236

Protanopia

51.4524, 0.3184, 0.3315

Deuteranopia

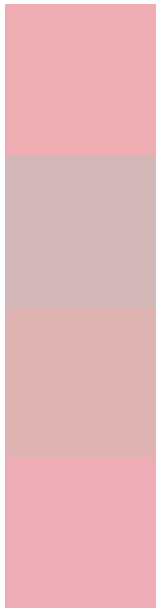
51.1477, 0.3445, 0.3375



Tritanopia

51.1850, 0.3614, 0.3147

Trichromacy



Original Color

51.1060, 0.3666, 0.3236

Protanomaly

51.0293, 0.3352, 0.3279

Deuteranomaly

50.9441, 0.3525, 0.3315

Tritanomaly

51.0596, 0.3641, 0.3180

Monochromacy



Original Color

51.1060, 0.3666, 0.3236

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3040, 0.3306, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1060, 0.3666, 0.3236 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, 173, 178)` looks like.

```
.text, #text, p{  
    color:rgb(237, 173, 178)  
}
```

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, 173, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 173, 178) }
```

Border

The CSS property to change the border of an element to Yxy 51.1060, 0.3666, 0.3236 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, 173, 178) }
```

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

```
.border{ border-color:rgb(237, 173, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 173, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 173, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 173, 178);  
box-shadow:4px 4px 4px 4px rgb(237, 173,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1060, 0.3666, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 173, 178) }
```

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

```
.background{ background-color: rgb(237,  
173, 178) }
```

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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