

Converting Colors

$Y_{xy}(35.6531, 0.4223, 0.3371)$

Have a look what the booklet for
Yxy(35.6531, 0.4223, 0.3371)
contains.

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Color

Yxy(35.6873, 0.4233, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	E48881
RGB	228, 136, 129
RGB Percent	89%, 53%, 51%
CMY	0.1059, 0.4666, 0.4942
CMYK	0.00, 0.40, 0.43, 0.11
HSL	4°, 65%, 70%
HSV	4°, 43%, 89%
XYZ	44.7598, 35.6873, 25.2930
YIQ	162.7100, 57.0790, 17.3270

Conversions

Conversions Part 2

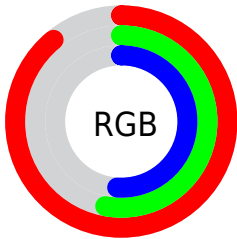
Format	Color
R _Y B	228, 137, 129
Decimal	14977153
CIE Lab	66.28, 34.35, 18.92
CIE LCh	66, 39.212, 28.845
Yxy	35.6873, 0.4233, 0.3375
Android (android.graphics.Color)	4293167233 (0xFFE48881)
YUV	162.7100, -16.6190, 57.2593
Hunter-Lab	59.7388, 29.1996, 16.7142

Details

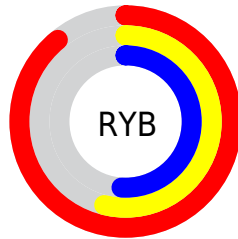
The Yxy color **35.6873, 0.4233, 0.3375** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.9655, 0.2525, 0.3200**, and the grayscale version is **36.5425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4643, 0.3740, 0.3375**, and **15.3549, 0.4583, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **29.7601, 0.4639, 0.3391**, and if you desaturate by 10%, it is **42.9324, 0.3887, 0.3356**.

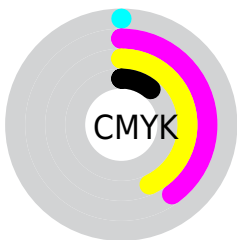
Distribution



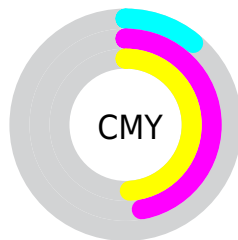
- Red (89%)
- Green (53%)
- Blue (51%)



- Red (89%)
- Yellow (54%)
- Blue (51%)



- Cyan (0%)
- Magenta (40%)
- Yellow (43%)
- Black (11%)





- Cyan (11%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6873, 0.4233, 0.3375 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 35.6873, 0.4233, 0.3375 by changing the saturation by 10% instead.


 35.6873, 0.4233,
0.3375


 35.6873, 0.4233,
0.3375


327.5917, 0.3650,
0.3353


 24.1928, 0.4387,
0.3372


 68.5491, 0.4015,
0.3373

 15.4767, 0.4588,
0.3364


 90.6853, 0.3935,
0.3370

 9.1546, 0.4862,
0.3342


 117.1374, 0.3868,
0.3367

 4.8422, 0.5253,
0.3292

148.2899, 0.3811,
0.3364

 2.1550, 0.5869,
0.3185

184.5272, 0.3762,
0.3361

 0.6953, 0.7079,
0.2921

226.2337, 0.3720,

 0.0000, 1.0000,

0.3358

0.0000

273.7937, 0.3683,
0.3356

0.0000, 0.0000,
0.0000

35.6873, 0.4233,
0.3375

35.6873, 0.4233,
0.3375

29.7601, 0.4639,
0.3391

42.9324, 0.3887,
0.3356

25.0664, 0.5092,
0.3400

51.5622, 0.3602,
0.3335

21.5207, 0.5552,
0.3397


61.6457, 0.3370,
0.3315


19.0242, 0.5959,
0.3380

73.2456, 0.3183,
0.3296

17.4613, 0.6245,
0.3351

86.4208, 0.3031,
0.3279

 16.8690, 0.6359,
0.3333

 95.2333, 0.2964,
0.3290

Harmonies

Analogous

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



35.6873, 0.3819, 0.2933



35.6873, 0.4233, 0.3375



35.6873, 0.4307, 0.3835

Triad

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



35.6873, 0.4233, 0.3375



35.6873, 0.2951, 0.4183



35.6873, 0.2244, 0.2376

Complementary

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



35.6873, 0.4233, 0.3375



61.9655, 0.2525, 0.3200

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.



35.6873, 0.2066, 0.2594



35.6873, 0.4233, 0.3375



35.6873, 0.2441, 0.3650

Square

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



35.6873, 0.4233, 0.3375



35.6873, 0.3536, 0.4385



35.6873, 0.2131, 0.3044



35.6873, 0.2646, 0.2382

Rectangle

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



35.6873, 0.4233, 0.3375



35.6873, 0.4160, 0.4108



35.6873, 0.2131, 0.3044



35.6873, 0.2158, 0.2423

Sweetspot

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



35.6891, 0.4233, 0.3375



79.9456, 0.3363, 0.3314



37.4318, 0.3238, 0.2289



16.4551, 0.3410, 0.3319



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.



35.6891, 0.4233, 0.3375



39.1252, 0.4592, 0.3390



52.8143, 0.3971, 0.3933



14.5313, 0.3291, 0.3307



9.8035, 0.6347, 0.3343



0.7823, 0.6204, 0.3456

Inverse Universe

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



61.9655, 0.2525, 0.3200



77.0514, 0.2433, 0.3179



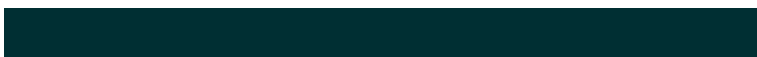
39.7307, 0.2413, 0.2537



16.1521, 0.2982, 0.3273



30.4478, 0.2186, 0.3068



2.3027, 0.2195, 0.3102

Previews

White Background



This preview shows how the Yxy color 35.6873, 0.4233, 0.3375 looks on a white background.

Color Contrast Check

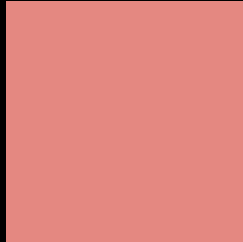
Large Text (above 18pt) WCAG AA × Fail

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 35.6873, 0.4233, 0.3375 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 35.6873, 0.4233, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 35.6873, 0.4233, 0.3375.



This preview shows how white text looks on a background with the Yxy color 35.6873, 0.4233, 0.3375.

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

35.6873, 0.4233, 0.3375

Protanopia

35.8478, 0.3388, 0.3581

Deuteranopia

35.7679, 0.3762, 0.3689



Tritanopia

35.7218, 0.4079, 0.3176

Trichromacy



Original Color

35.6873, 0.4233, 0.3375

Protanomaly

35.2098, 0.3672, 0.3496

Deuteranomaly

35.4086, 0.3932, 0.3565

Tritanomaly

35.8500, 0.4133, 0.3246

Monochromacy



Original Color

35.6873, 0.4233, 0.3375

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.5816, 0.3495, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6873, 0.4233, 0.3375 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(228, 136, 129)` looks like.

```
.text, #text, p{  
    color:rgb(228, 136, 129)  
}
```

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(228, 136, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 136, 129) }
```

Border

The CSS property to change the border of an element to Yxy 35.6873, 0.4233, 0.3375 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(228, 136, 129) }
```

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

```
.border{ border-color:rgb(228, 136, 129) }
```

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

Here you see how a box with a 4 pixel rgb(228, 136, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 136, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 136, 129);  
box-shadow:4px 4px 4px 4px rgb(228, 136,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6873, 0.4233, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 136, 129) }
```

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

```
.background{ background-color: rgb(228,  
136, 129) }
```

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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