

Converting Colors

Yxy(36.0137, 0.4033, 0.3293)

Have a look what the booklet for
Yxy(36.0137, 0.4033, 0.3293)
contains.

Yxy(36.1498, 0.4037, 0.3305)	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(36.1498, 0.4037, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	DE8C8B
RGB	222, 140, 139
RGB Percent	87%, 55%, 55%
CMY	0.1295, 0.4509, 0.4549
CMYK	0.00, 0.37, 0.37, 0.13
HSL	1°, 56%, 71%
HSV	1°, 37%, 87%
XYZ	44.1564, 36.1498, 29.0730
YIQ	164.4040, 49.1930, 17.0730

Conversions

Conversions Part 2

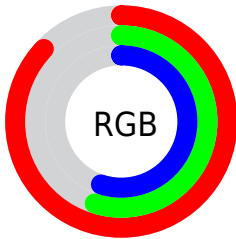
Format	Color
R _Y B	222, 140, 139
Decimal	14584971
CIE Lab	66.63, 31.07, 13.69
CIE LCh	67, 33.946, 23.775
Yxy	36.1498, 0.4037, 0.3305
Android (android.graphics.Color)	4292775051 (0xFFDE8C8B)
YUV	164.4040, -12.5242, 50.5117
Hunter-Lab	60.1247, 25.8745, 13.4179

Details

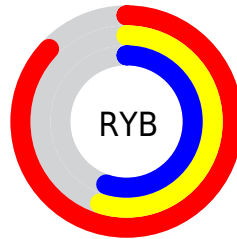
The Yxy color **36.1498, 0.4037, 0.3305** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.4461, 0.2605, 0.3276**, and the grayscale version is **37.3713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6493, 0.3645, 0.3312**, and **15.7585, 0.4323, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **29.7851, 0.4422, 0.3309**, and if you desaturate by 10%, it is **43.9261, 0.3718, 0.3301**.

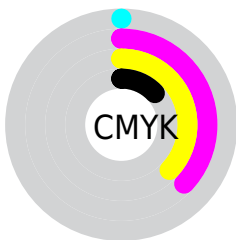
Distribution



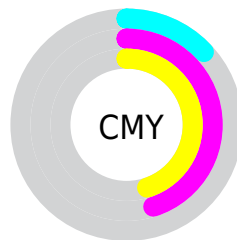
- Red (87%)
- Green (55%)
- Blue (55%)



- Red (87%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (37%)
- Yellow (37%)
- Black (13%)




- Cyan (13%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1498, 0.4037, 0.3305 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 36.1498, 0.4037, 0.3305 by changing the saturation by 10% instead.


 36.1498, 0.4037,
0.3305

 36.1498, 0.4037,
0.3305


329.6148, 0.3558,
0.3311


 24.5499, 0.4164,
0.3298


 69.2632, 0.3857,
0.3311

 15.7420, 0.4331,
0.3286


 91.5455, 0.3792,
0.3312

 9.3418, 0.4559,
0.3264


 118.1574, 0.3737,
0.3312

 4.9648, 0.4890,
0.3220

149.4834, 0.3690,
0.3313

 2.2266, 0.5402,
0.3124

185.9077, 0.3650,
0.3312

 0.7344, 0.6878,
0.3122

227.8147, 0.3615,

 0.0000, 1.0000,

0.3312

0.0000

275.5890, 0.3585,
0.3312

0.0000, 0.0000,
0.0000

36.1498, 0.4037,
0.3305

36.1498, 0.4037,
0.3305

29.7851, 0.4422,
0.3309

43.9261, 0.3718,
0.3301

24.7423, 0.4868,
0.3312

53.1857, 0.3460,
0.3297

20.9301, 0.5346,
0.3314

64.0023, 0.3253,
0.3293

18.2433, 0.5801,
0.3313

76.4426, 0.3087,
0.3289

16.5589, 0.6156,
0.3310

90.5699, 0.2955,
0.3286

■ 15.7226, 0.6357,
0.3305

■ 94.2657, 0.2929,
0.3289

■ 15.5854, 0.6394,
0.3305

Harmonies

Analogous

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



36.1498, 0.3644, 0.2922



36.1498, 0.4037, 0.3305



36.1498, 0.4158, 0.3712

Triad

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



36.1498, 0.4037, 0.3305



36.1498, 0.3066, 0.4101



36.1498, 0.2314, 0.2512

Complementary

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



36.1498, 0.4037, 0.3305



62.4461, 0.2605, 0.3276

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.



36.1498, 0.2192, 0.2744



36.1498, 0.4037, 0.3305



36.1498, 0.2600, 0.3688

Square

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



36.1498, 0.4037, 0.3305



36.1498, 0.3572, 0.4227



36.1498, 0.2290, 0.3168



36.1498, 0.2640, 0.2480

Rectangle

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



36.1498, 0.4037, 0.3305



36.1498, 0.4068, 0.3956



36.1498, 0.2290, 0.3168



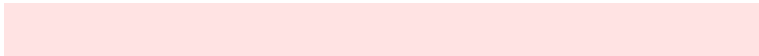
36.1498, 0.2249, 0.2566

Sweetspot

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



36.1516, 0.4037, 0.3305



81.9043, 0.3324, 0.3294



39.2613, 0.3170, 0.2370



17.0939, 0.3352, 0.3295



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.



36.1516, 0.4037, 0.3305



42.4092, 0.4339, 0.3308



50.2277, 0.3854, 0.3781



13.7276, 0.3292, 0.3293



9.2716, 0.6391, 0.3307



0.6524, 0.6363, 0.3330

Inverse Universe

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



62.4461, 0.2605, 0.3276



83.4336, 0.2518, 0.3272



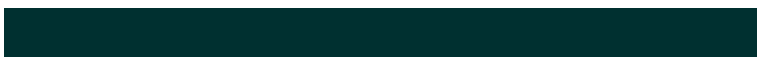
43.5991, 0.2528, 0.2738



15.5417, 0.2982, 0.3287



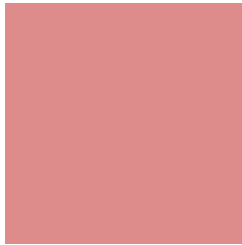
33.3161, 0.2236, 0.3250



2.3188, 0.2238, 0.3256

Previews

White Background



This preview shows how the Yxy color 36.1498, 0.4037, 0.3305 looks on a white background.

Color Contrast Check

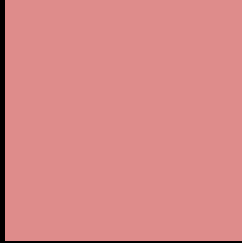
Large Text (above 18pt) WCAG AA × Fail

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 36.1498, 0.4037, 0.3305 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 36.1498, 0.4037, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 36.1498, 0.4037, 0.3305.



This preview shows how white text looks on a background with the Yxy color 36.1498, 0.4037, 0.3305.

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

36.1498, 0.4037, 0.3305

Protanopia

36.3675, 0.3293, 0.3464

Deuteranopia

36.1193, 0.3636, 0.3567



Tritanopia

36.0349, 0.3943, 0.3161

Trichromacy



Original Color

36.1498, 0.4037, 0.3305

Protanomaly

35.8779, 0.3553, 0.3401

Deuteranomaly

35.8982, 0.3785, 0.3463

Tritanomaly

36.1975, 0.3984, 0.3221

Monochromacy



Original Color

36.1498, 0.4037, 0.3305

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.1235, 0.3430, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1498, 0.4037, 0.3305 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(222, 140, 139)` looks like.

```
.text, #text, p{  
    color:rgb(222, 140, 139)  
}
```

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(222, 140, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 140, 139) }
```

Border

The CSS property to change the border of an element to Yxy 36.1498, 0.4037, 0.3305 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(222, 140, 139) }
```

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

```
.border{ border-color:rgb(222, 140, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 140, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 140, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 140, 139); box-shadow:4px 4px 4px 4px rgb(222, 140, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1498, 0.4037, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 140, 139) }
```

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

```
.background{ background-color: rgb(222,  
140, 139) }
```

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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