

Converting Colors

Yxy(36.4603, 0.3985, 0.3344)

Have a look what the booklet for
Yxy(36.4603, 0.3985, 0.3344)
contains.

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Color

Yxy(36.4144, 0.3982, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	DA8F8B
RGB	218, 143, 139
RGB Percent	85%, 56%, 55%
CMY	0.1450, 0.4392, 0.4548
CMYK	0.00, 0.34, 0.36, 0.15
HSL	3°, 52%, 70%
HSV	3°, 36%, 85%
XYZ	43.4008, 36.4144, 29.1773
YIQ	164.9690, 45.9840, 14.6560

Conversions

Conversions Part 2

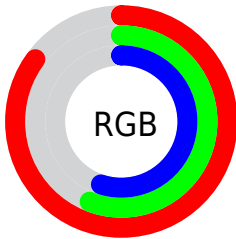
Format	Color
R _Y B	218, 143, 139
Decimal	14323595
CIE Lab	66.84, 27.98, 13.88
CIE LCh	67, 31.230, 26.384
Yxy	36.4144, 0.3982, 0.3341
Android (android.graphics.Color)	4292513675 (0xFFDA8F8B)
YUV	164.9690, -12.8027, 46.5082
Hunter-Lab	60.3443, 22.7780, 13.5735

Details

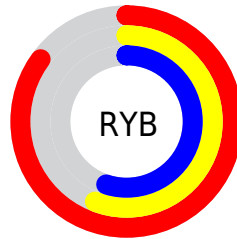
The Yxy color **36.4144, 0.3982, 0.3341** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.6704, 0.2614, 0.3238**, and the grayscale version is **37.6589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9983, 0.3638, 0.3343**, and **15.9526, 0.4258, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **30.1876, 0.4349, 0.3355**, and if you desaturate by 10%, it is **43.9191, 0.3678, 0.3326**.

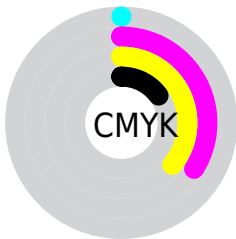
Distribution



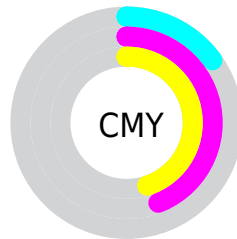
- Red (85%)
- Green (56%)
- Blue (55%)



- Red (85%)
- Yellow (56%)
- Blue (55%)



- Cyan (0%)
- Magenta (34%)
- Yellow (36%)
- Black (15%)





- Cyan (15%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4144, 0.3982, 0.3341 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 36.4144, 0.3982, 0.3341 by changing the saturation by 10% instead.


 36.4144, 0.3982,
0.3341

 36.4144, 0.3982,
0.3341


330.7682, 0.3533,
0.3327

 24.7544, 0.4101,
0.3340


 69.6712, 0.3814,
0.3339

 15.8942, 0.4258,
0.3335


 92.0368, 0.3752,
0.3338

 9.4493, 0.4472,
0.3324


 118.7397, 0.3700,
0.3336

 5.0354, 0.4783,
0.3296

150.1644, 0.3657,
0.3334

 2.2680, 0.5265,
0.3225

186.6952, 0.3619,
0.3332

 0.7567, 0.6699,
0.3301

228.7165, 0.3586,


 0.0000, 1.0000,

0.3331


0.0000


276.6127, 0.3558,
0.3329


 0.0000, 0.0000,
0.0000


 36.4144, 0.3982,
0.3341


 36.4144, 0.3982,
0.3341


 30.1876, 0.4349,
0.3355

 43.9191, 0.3678,
0.3326


 25.1627, 0.4776,
0.3365


 52.7619, 0.3430,
0.3312


 21.2637, 0.5241,
0.3369

 63.0052, 0.3231,
0.3298

 18.4037, 0.5696,
0.3364

 74.7063, 0.3071,
0.3285

 16.4833, 0.6074,
0.3349

 87.9192, 0.2941,
0.3274

■ 15.3833, 0.6313,
0.3327

■ 93.6477, 0.2906,
0.3289

■ 15.1459, 0.6371,
0.3323

Harmonies

Analogous

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



36.4144, 0.3640, 0.2980



36.4144, 0.3982, 0.3341



36.4144, 0.4070, 0.3716

Triad

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



36.4144, 0.3982, 0.3341



36.4144, 0.3034, 0.4005



36.4144, 0.2395, 0.2562

Complementary

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



36.4144, 0.3982, 0.3341



58.6704, 0.2614, 0.3238

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.



36.4144, 0.2264, 0.2764



36.4144, 0.3982, 0.3341



36.4144, 0.2612, 0.3614

Square

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



36.4144, 0.3982, 0.3341



36.4144, 0.3502, 0.4149



36.4144, 0.2338, 0.3142



36.4144, 0.2713, 0.2546

Rectangle

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



36.4144, 0.3982, 0.3341



36.4144, 0.3975, 0.3934



36.4144, 0.2338, 0.3142



36.4144, 0.2329, 0.2608

Sweetspot

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



36.4162, 0.3982, 0.3341



82.4880, 0.3323, 0.3305



38.2391, 0.3205, 0.2437



17.2315, 0.3350, 0.3306



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.



36.4162, 0.3982, 0.3341



45.4030, 0.4238, 0.3351



50.4213, 0.3809, 0.3810



13.1559, 0.3290, 0.3302



9.1190, 0.6362, 0.3331



0.6286, 0.6246, 0.3422

Inverse Universe

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



58.6704, 0.2614, 0.3238



81.3268, 0.2532, 0.3226



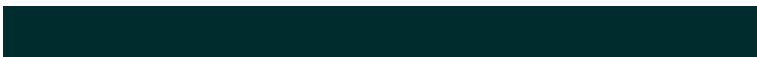
41.0474, 0.2539, 0.2703



14.7116, 0.2982, 0.3278



29.8305, 0.2204, 0.3133



1.9677, 0.2211, 0.3160

Previews

White Background



This preview shows how the Yxy color 36.4144, 0.3982, 0.3341 looks on a white background.

Color Contrast Check

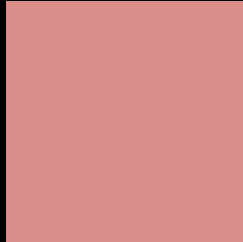
Large Text (above 18pt) WCAG AA × Fail

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 36.4144, 0.3982, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

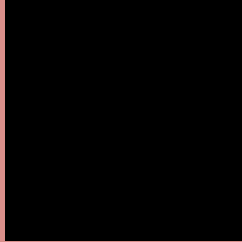
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4144, 0.3982, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 36.4144, 0.3982, 0.3341.



This preview shows how white text looks on a background with the Yxy color 36.4144, 0.3982, 0.3341.

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

36.4144, 0.3982, 0.3341

Protanopia

36.4456, 0.3312, 0.3478

Deuteranopia

36.6115, 0.3633, 0.3565



Tritanopia

36.3768, 0.3856, 0.3159

Trichromacy



Original Color

36.4144, 0.3982, 0.3341

Protanomaly

36.0518, 0.3550, 0.3428

Deuteranomaly

36.4336, 0.3756, 0.3476

Tritanomaly

36.5127, 0.3908, 0.3231

Monochromacy



Original Color

36.4144, 0.3982, 0.3341

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.7046, 0.3405, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4144, 0.3982, 0.3341 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(218, 143, 139)` looks like.

```
.text, #text, p{  
    color:rgb(218, 143, 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(218, 143, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 143, 139) }
```

Border

The CSS property to change the border of an element to Yxy 36.4144, 0.3982, 0.3341 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(218, 143, 139) }
```

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

```
.border{ border-color:rgb(218, 143, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 143, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 143, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 143, 139);  
box-shadow:4px 4px 4px 4px rgb(218, 143,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4144, 0.3982, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 143, 139) }
```

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

```
.background{ background-color: rgb(218,  
143, 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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