

Converting Colors

Yxy(34.7141, 0.4169, 0.3406)

Have a look what the booklet for
Yxy(34.7141, 0.4169, 0.3406)
contains.

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Color

Yxy(34.8220, 0.4167, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	DD8980
RGB	221, 137, 128
RGB Percent	87%, 54%, 50%
CMY	0.1333, 0.4628, 0.4980
CMYK	0.00, 0.38, 0.42, 0.13
HSL	6°, 58%, 68%
HSV	6°, 42%, 87%
XYZ	42.6649, 34.8220, 24.9006
YIQ	161.0900, 52.9530, 15.0090

Conversions

Conversions Part 2

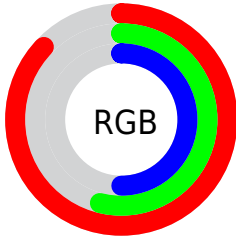
Format	Color
R _Y B	221, 138, 128
Decimal	14518656
CIE Lab	65.61, 31.07, 18.40
CIE LCh	66, 36.111, 30.635
Yxy	34.8220, 0.4167, 0.3401
Android (android.graphics.Color)	4292708736 (0xFFDD8980)
YUV	161.0900, -16.3134, 52.5411
Hunter-Lab	59.0102, 25.7893, 16.2884

Details

The Yxy color **34.8220, 0.4167, 0.3401** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.9167, 0.2536, 0.3172**, and the grayscale version is **35.7448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8578, 0.3745, 0.3396**, and **15.0066, 0.4500, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **29.1426, 0.4556, 0.3424**, and if you desaturate by 10%, it is **41.6821, 0.3836, 0.3374**.

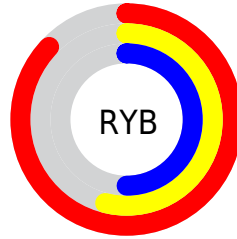
Distribution



Red (87%)

Green (54%)

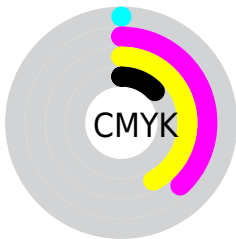
Blue (50%)



Red (87%)

Yellow (54%)

Blue (50%)

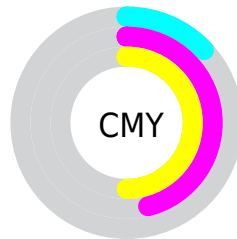


Cyan (0%)

Magenta (38%)

Yellow (42%)

Black (13%)



Cyan (13%)


Magenta (46%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8220, 0.4167, 0.3401 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 34.8220, 0.4167, 0.3401 by changing the saturation by 10% instead.


 34.8220, 0.4167,
0.3401


 34.8220, 0.4167,
0.3401


323.7820, 0.3617,
0.3363


 23.5258, 0.4313,
0.3403


 67.2099, 0.3960,
0.3392

 14.9822, 0.4506,
0.3401


 89.0704, 0.3885,
0.3387

 8.8069, 0.4769,
0.3389


 115.2212, 0.3821,
0.3383

 4.6155, 0.5147,
0.3353

146.0465, 0.3768,
0.3378

 2.0235, 0.5763,
0.3274

181.9309, 0.3722,
0.3374

 0.6210, 0.7012,
0.2988

223.2586, 0.3682,

 0.0000, 1.0000,

0.3370

0.0000

270.4142, 0.3647,
0.3366

■ 0.0000, 0.0000,
0.0000

■ 34.8220, 0.4167,
0.3401

■ 34.8220, 0.4167,
0.3401

■ 29.1426, 0.4556,
0.3424

■ 41.6821, 0.3836,
0.3374

■ 24.5723, 0.4994,
0.3438

■ 49.7788, 0.3563,
0.3347

■ 21.0399, 0.5448,
0.3438


■ 59.1708, 0.3341,
0.3320


■ 18.4637, 0.5865,
0.3419

■ 69.9115, 0.3160,
0.3295

■ 16.7495, 0.6179,
0.3383

■ 82.0511, 0.3014,
0.3272

 15.9232, 0.6335,
0.3352

 94.1144, 0.2923,
0.3289

Harmonies

Analogous

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



34.8220, 0.3799, 0.2982



34.8220, 0.4167, 0.3401



34.8220, 0.4218, 0.3830

Triad

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



34.8220, 0.4167, 0.3401



34.8220, 0.2935, 0.4090



34.8220, 0.2318, 0.2431

Complementary

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



34.8220, 0.4167, 0.3401



56.9167, 0.2536, 0.3172

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.



34.8220, 0.2137, 0.2625



34.8220, 0.4167, 0.3401



34.8220, 0.2466, 0.3591

Square

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



34.8220, 0.4167, 0.3401



34.8220, 0.3481, 0.4303



34.8220, 0.2186, 0.3035



34.8220, 0.2709, 0.2446

Rectangle

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



34.8220, 0.4167, 0.3401



34.8220, 0.4073, 0.4078



34.8220, 0.2186, 0.3035



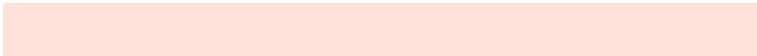
34.8220, 0.2233, 0.2471

Sweetspot

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



34.8237, 0.4167, 0.3401



80.4036, 0.3362, 0.3323



35.6350, 0.3249, 0.2335



16.5663, 0.3408, 0.3329



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.



34.8237, 0.4167, 0.3401



41.5059, 0.4487, 0.3420



50.4983, 0.3930, 0.3929



13.2527, 0.3289, 0.3313



9.3228, 0.6320, 0.3364



0.6747, 0.6116, 0.3526

Inverse Universe

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



56.9167, 0.2536, 0.3172



75.6866, 0.2445, 0.3145



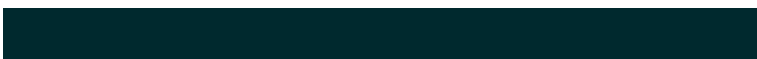
37.3638, 0.2433, 0.2544



14.6034, 0.2982, 0.3267



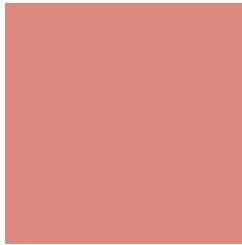
27.0314, 0.2163, 0.2986



1.8150, 0.2178, 0.3039

Previews

White Background



This preview shows how the Yxy color 34.8220, 0.4167, 0.3401 looks on a white background.

Color Contrast Check

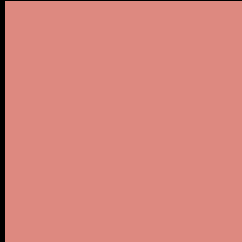
Large Text (above 18pt) WCAG AA × Fail

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 34.8220, 0.4167, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

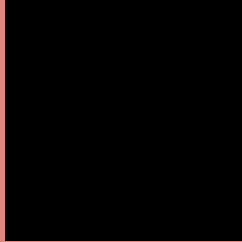
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8220, 0.4167, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 34.8220, 0.4167, 0.3401.



This preview shows how white text looks on a background with the Yxy color 34.8220, 0.4167, 0.3401.

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

34.8220, 0.4167, 0.3401

Protanopia

34.8758, 0.3391, 0.3585

Deuteranopia

34.8279, 0.3759, 0.3679



Tritanopia

34.9019, 0.3990, 0.3173

Trichromacy



Original Color

34.8220, 0.4167, 0.3401

Protanomaly

34.4473, 0.3665, 0.3513

Deuteranomaly

34.5159, 0.3905, 0.3570

Tritanomaly

35.0020, 0.4056, 0.3257

Monochromacy



Original Color

34.8220, 0.4167, 0.3401

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.6937, 0.3476, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8220, 0.4167, 0.3401 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(221, 137, 128)` looks like.

```
.text, #text, p{  
    color:rgb(221, 137, 128)  
}
```

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(221, 137, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 137, 128) }
```

Border

The CSS property to change the border of an element to Yxy 34.8220, 0.4167, 0.3401 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(221, 137, 128) }
```

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

```
.border{ border-color:rgb(221, 137, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 137, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 137, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 137, 128);  
box-shadow:4px 4px 4px 4px rgb(221, 137,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8220, 0.4167, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 137, 128) }
```

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

```
.background{ background-color: rgb(221,  
137, 128) }
```

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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