

Converting Colors

$Yxy(35.2814, 0.3946, 0.3207)$

Have a look what the booklet for
Yxy(35.2814, 0.3946, 0.3207)
contains.

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Color

Yxy(35.2814, 0.3946, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	DB8A91
RGB	219, 138, 145
RGB Percent	86%, 54%, 57%
CMY	0.1412, 0.4588, 0.4313
CMYK	0.00, 0.37, 0.34, 0.14
HSL	355°, 53%, 70%
HSV	355°, 37%, 86%
XYZ	43.4114, 35.2814, 31.3209
YIQ	163.0170, 46.0290, 19.3490

Conversions

Conversions Part 2

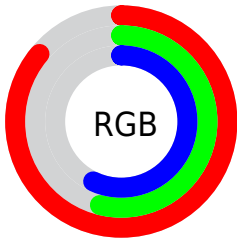
Format	Color
R _Y B	219, 138, 145
Decimal	14387857
CIE Lab	65.97, 31.75, 9.30
CIE LCh	66, 33.084, 16.323
Yxy	35.2814, 0.3946, 0.3207
Android (android.graphics.Color)	4292577937 (0xFFDB8A91)
YUV	163.0170, -8.8824, 49.0971
Hunter-Lab	59.3981, 26.5108, 10.3148

Details

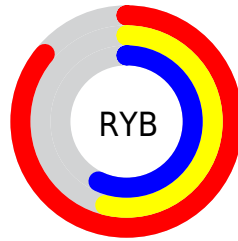
The Yxy color **35.2814, 0.3946, 0.3207** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.8121, 0.2650, 0.3379**, and the grayscale version is **36.6626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0828, 0.3592, 0.3219**, and **15.3240, 0.4209, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **29.0559, 0.4296, 0.3187**, and if you desaturate by 10%, it is **42.8857, 0.3657, 0.3230**.

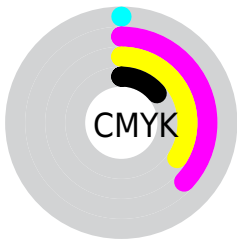
Distribution



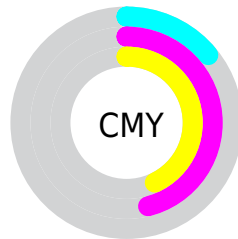
- Red (86%)
- Green (54%)
- Blue (57%)



- Red (86%)
- Yellow (54%)
- Blue (57%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (14%)




- Cyan (14%)
- Magenta (46%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.2814, 0.3946, 0.3207 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 35.2814, 0.3946, 0.3207 by changing the saturation by 10% instead.


 35.2814, 0.3946,
0.3207


 35.2814, 0.3946,
0.3207


325.8087, 0.3514,
0.3260

 23.8797, 0.4061,
0.3190


 67.9215, 0.3784,
0.3229

 15.2444, 0.4213,
0.3165


 89.9287, 0.3724,
0.3237

 8.9911, 0.4423,
0.3127

 116.2398, 0.3675,
0.3243

 4.7354, 0.4729,
0.3063

147.2393, 0.3633,
0.3247

 2.0929, 0.5214,
0.2945

183.3115, 0.3597,
0.3251

 0.6606, 0.6780,
0.2914

224.8409, 0.3566,

 0.0000, 1.0000,

0.3255

0.0000

272.2118, 0.3538,
0.3258

0.0000, 0.0000,
0.0000

35.2814, 0.3946,
0.3207

35.2814, 0.3946,
0.3207

29.0559, 0.4296,
0.3187

42.8857, 0.3657,
0.3230

24.1218, 0.4705,
0.3172

51.9392, 0.3423,
0.3253

20.3898, 0.5156,
0.3168

62.5135, 0.3236,
0.3275

17.7568, 0.5607,
0.3179

74.6741, 0.3085,
0.3296

16.1029, 0.5996,
0.3206

88.4825, 0.2964,
0.3315

■ 15.2720, 0.6261,
0.3246

■ 93.7980, 0.2911,
0.3289

■ 15.1049, 0.6318,
0.3254

Harmonies

Analogous

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



35.2814, 0.3512, 0.2846



35.2814, 0.3946, 0.3207



35.2814, 0.4139, 0.3609

Triad

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



35.2814, 0.3946, 0.3207



35.2814, 0.3193, 0.4147



35.2814, 0.2277, 0.2563

Complementary

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



35.2814, 0.3946, 0.3207



60.8121, 0.2650, 0.3379

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.



35.2814, 0.2210, 0.2842



35.2814, 0.3946, 0.3207



35.2814, 0.2713, 0.3800

Square

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



35.2814, 0.3946, 0.3207



35.2814, 0.3679, 0.4193



35.2814, 0.2361, 0.3295



35.2814, 0.2551, 0.2483

Rectangle

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



35.2814, 0.3946, 0.3207



35.2814, 0.4100, 0.3861



35.2814, 0.2361, 0.3295



35.2814, 0.2231, 0.2633

Sweetspot

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



35.2831, 0.3946, 0.3207



81.8493, 0.3308, 0.3266



37.1262, 0.3094, 0.2358



17.0810, 0.3334, 0.3263



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.



35.2831, 0.3946, 0.3207



43.1291, 0.4199, 0.3192



45.7933, 0.3879, 0.3682



13.0697, 0.3278, 0.3270



8.9645, 0.6299, 0.3243



0.5872, 0.6026, 0.3093

Inverse Universe

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



35.2831, 0.3946, 0.3207



43.1291, 0.4199, 0.3192



45.8874, 0.2551, 0.2858



13.0697, 0.3278, 0.3270



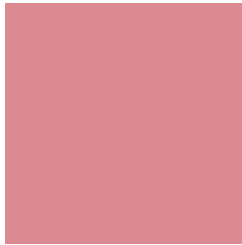
8.9645, 0.6299, 0.3243



0.5872, 0.6026, 0.3093

Previews

White Background



This preview shows how the Yxy color 35.2814, 0.3946, 0.3207 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 35.2814, 0.3946, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

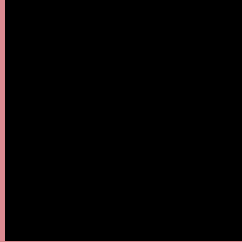
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2814, 0.3946, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 35.2814, 0.3946, 0.3207.



This preview shows how white text looks on a background with the Yxy color 35.2814, 0.3946, 0.3207.

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

35.2814, 0.3946, 0.3207

Protanopia

35.4684, 0.3193, 0.3334

Deuteranopia

35.4630, 0.3538, 0.3472



Tritanopia

35.3751, 0.3912, 0.3171

Trichromacy



Original Color

35.2814, 0.3946, 0.3207

Protanomaly

34.9467, 0.3446, 0.3277

Deuteranomaly

35.2138, 0.3683, 0.3372

Tritanomaly

35.3436, 0.3924, 0.3183

Monochromacy



Original Color

35.2814, 0.3946, 0.3207

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.5788, 0.3401, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2814, 0.3946, 0.3207 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(219, 138, 145)` looks like.

```
.text, #text, p{  
    color:rgb(219, 138, 145)  
}
```

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(219, 138, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 138, 145) }
```

Border

The CSS property to change the border of an element to Yxy 35.2814, 0.3946, 0.3207 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(219, 138, 145) }
```

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

```
.border{ border-color:rgb(219, 138, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 138, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 138, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 138, 145);  
box-shadow:4px 4px 4px 4px rgb(219, 138,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2814, 0.3946, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 138, 145) }
```

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

```
.background{ background-color: rgb(219,  
138, 145) }
```

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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