

Converting Colors

$Y_{xy}(35.5250, 0.3862, 0.3181)$

Have a look what the booklet for
Yxy(35.5250, 0.3862, 0.3181)
contains.

Yxy(35.5250, 0.3862, 0.3181)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.5250, 0.3862, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	D88C95
RGB	216, 140, 149
RGB Percent	85%, 55%, 58%
CMY	0.1528, 0.4510, 0.4156
CMYK	0.00, 0.35, 0.31, 0.15
HSL	353°, 49%, 70%
HSV	353°, 35%, 85%
XYZ	43.1303, 35.5250, 33.0234
YIQ	163.7500, 42.4070, 18.9110

Conversions

Conversions Part 2

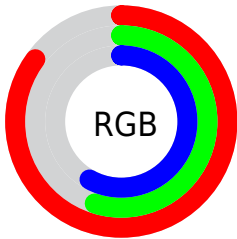
Format	Color
R _Y B	216, 140, 149
Decimal	14191765
CIE Lab	66.16, 30.11, 7.27
CIE LCh	66, 30.972, 13.580
Yxy	35.5250, 0.3862, 0.3181
Android (android.graphics.Color)	4292381845 (0xFFD88C95)
YUV	163.7500, -7.2717, 45.8233
Hunter-Lab	59.6029, 24.8627, 8.8719

Details

The Yxy color **35.5250, 0.3862, 0.3181** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.2092, 0.2683, 0.3406**, and the grayscale version is **37.0207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1554, 0.3555, 0.3198**, and **15.3975, 0.4102, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **29.2624, 0.4187, 0.3151**, and if you desaturate by 10%, it is **43.1296, 0.3594, 0.3213**.

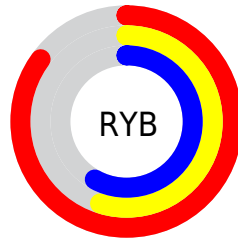
Distribution



Red (85%)

Green (55%)

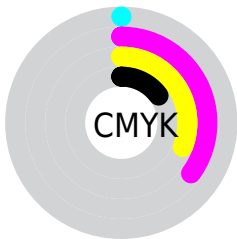
Blue (58%)



Red (85%)

Yellow (55%)

Blue (58%)

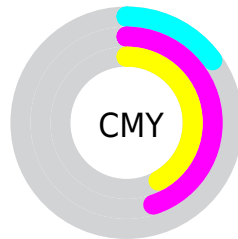


Cyan (0%)

Magenta (35%)

Yellow (31%)

Black (15%)



Cyan (15%)


Magenta (45%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5250, 0.3862, 0.3181 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 35.5250, 0.3862, 0.3181 by changing the saturation by 10% instead.


 35.5250, 0.3862,
0.3181


 35.5250, 0.3862,
0.3181


326.8796, 0.3475,
0.3245


 24.0676, 0.3965,
0.3162


 68.2983, 0.3717,
0.3207

 15.3838, 0.4101,
0.3135


 90.3829, 0.3664,
0.3216

 9.0892, 0.4289,
0.3095


 116.7788, 0.3619,
0.3223

 4.7994, 0.4563,
0.3031

147.8702, 0.3582,
0.3229

 2.1300, 0.5000,
0.2917

184.0416, 0.3549,
0.3234

 0.6814, 0.6222,
0.2814

225.6774, 0.3521,

 0.0000, 1.0000,

0.3238

0.0000

273.1619, 0.3497,
0.3242

■ 0.0000, 0.0000,
0.0000

■ 35.5250, 0.3862,
0.3181

■ 35.5250, 0.3862,
0.3181

■ 29.2624, 0.4187,
0.3151

■ 43.1296, 0.3594,
0.3213

■ 24.2592, 0.4572,
0.3128

■ 52.1427, 0.3378,
0.3245

■ 20.4312, 0.5003,
0.3118

■ 62.6321, 0.3204,
0.3275

■ 17.6821, 0.5449,
0.3125

■ 74.6602, 0.3064,
0.3303

■ 15.9003, 0.5856,
0.3156

■ 88.2854, 0.2951,
0.3329

■ 14.9494, 0.6163,
0.3206

■ 93.3443, 0.2894,
0.3289

■ 14.6773, 0.6270,
0.3227

Harmonies

Analogous

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



35.5250, 0.3445, 0.2846



35.5250, 0.3862, 0.3181



35.5250, 0.4067, 0.3559

Triad

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



35.5250, 0.3862, 0.3181



35.5250, 0.3235, 0.4102



35.5250, 0.2315, 0.2625

Complementary

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



35.5250, 0.3862, 0.3181



59.2092, 0.2683, 0.3406

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.



35.5250, 0.2270, 0.2907



35.5250, 0.3862, 0.3181



35.5250, 0.2779, 0.3802

Square

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



35.5250, 0.3862, 0.3181



35.5250, 0.3683, 0.4124



35.5250, 0.2432, 0.3341



35.5250, 0.2557, 0.2531

Rectangle

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



35.5250, 0.3862, 0.3181



35.5250, 0.4049, 0.3799



35.5250, 0.2432, 0.3341



35.5250, 0.2277, 0.2699

Sweetspot

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



35.5267, 0.3862, 0.3181



81.8998, 0.3302, 0.3257



36.8185, 0.3072, 0.2397



17.0929, 0.3327, 0.3253



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.



35.5267, 0.3862, 0.3181



44.9681, 0.4090, 0.3159



44.4548, 0.3843, 0.3632



12.4446, 0.3273, 0.3263



8.6926, 0.6245, 0.3214



0.5325, 0.5880, 0.3013

Inverse Universe

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



35.5267, 0.3862, 0.3181



44.9681, 0.4090, 0.3159



46.5646, 0.2583, 0.2918



12.4446, 0.3273, 0.3263



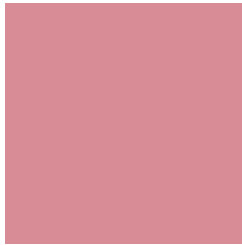
8.6926, 0.6245, 0.3214



0.5325, 0.5880, 0.3013

Previews

White Background



This preview shows how the Yxy color 35.5250, 0.3862, 0.3181 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 35.5250, 0.3862, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

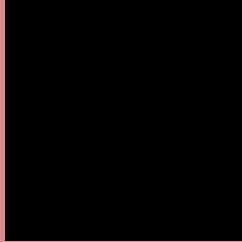
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5250, 0.3862, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 35.5250, 0.3862, 0.3181.



This preview shows how white text looks on a background with the Yxy color 35.5250, 0.3862, 0.3181.

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

35.5250, 0.3862, 0.3181

Protanopia

35.5722, 0.3166, 0.3290

Deuteranopia

35.4631, 0.3488, 0.3417



Tritanopia

35.5571, 0.3850, 0.3169

Trichromacy



Original Color

35.5250, 0.3862, 0.3181

Protanomaly

35.2500, 0.3403, 0.3249

Deuteranomaly

35.3886, 0.3617, 0.3332

Tritanomaly

35.5571, 0.3850, 0.3169

Monochromacy



Original Color

35.5250, 0.3862, 0.3181

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.0132, 0.3370, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5250, 0.3862, 0.3181 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(216, 140, 149)` looks like.

```
.text, #text, p{  
    color:rgb(216, 140, 149)  
}
```

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(216, 140, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 140, 149) }
```

Border

The CSS property to change the border of an element to Yxy 35.5250, 0.3862, 0.3181 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(216, 140, 149) }
```

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

```
.border{ border-color:rgb(216, 140, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 140, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 140, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 140, 149);  
box-shadow:4px 4px 4px 4px rgb(216, 140,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5250, 0.3862, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 140, 149) }
```

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

```
.background{ background-color: rgb(216,  
140, 149) }
```

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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