

Converting Colors

$Y_{xy}(35.5062, 0.3945, 0.3330)$

Have a look what the booklet for
Yxy(35.5062, 0.3945, 0.3330)
contains.

Yxy(35.5062, 0.3945, 0.3330)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.5062, 0.3945, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	D68E8B
RGB	214, 142, 139
RGB Percent	84%, 56%, 55%
CMY	0.1608, 0.4431, 0.4550
CMYK	0.00, 0.34, 0.35, 0.16
HSL	2°, 48%, 69%
HSV	2°, 35%, 84%
XYZ	42.0637, 35.5062, 29.0554
YIQ	163.1860, 43.8750, 14.3310

Conversions

Conversions Part 2

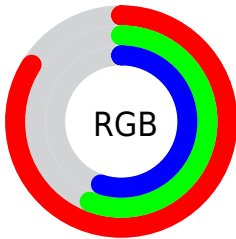
Format	Color
R _Y B	214, 142, 139
Decimal	14061195
CIE Lab	66.14, 26.97, 12.86
CIE LCh	66, 29.884, 25.491
Yxy	35.5062, 0.3945, 0.3330
Android (android.graphics.Color)	4292251275 (0xFFD68E8B)
YUV	163.1860, -11.9237, 44.5639
Hunter-Lab	59.5871, 21.7292, 12.8004

Details

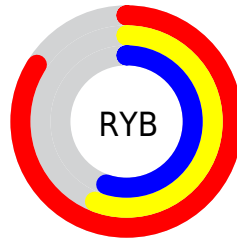
The Yxy color **35.5062, 0.3945, 0.3330** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.9187, 0.2630, 0.3249**, and the grayscale version is **36.7607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5456, 0.3640, 0.3333**, and **15.3715, 0.4208, 0.3326** is the 20% darker color. If you saturate the color by 10%, you get **29.3836, 0.4306, 0.3341**, and if you desaturate by 10%, it is **42.8805, 0.3647, 0.3318**.

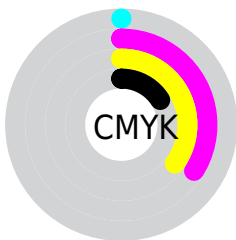
Distribution



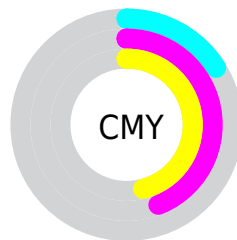
- Red (84%)
- Green (56%)
- Blue (55%)



- Red (84%)
- Yellow (56%)
- Blue (55%)



- Cyan (0%)
- Magenta (34%)
- Yellow (35%)
- Black (16%)




- Cyan (16%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5062, 0.3945, 0.3330 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 35.5062, 0.3945, 0.3330 by changing the saturation by 10% instead.


 35.5062, 0.3945,
0.3330


 35.5062, 0.3945,
0.3330


326.7971, 0.3513,
0.3321

 24.0531, 0.4060,
0.3328

 68.2692, 0.3783,
0.3330

 15.3730, 0.4212,
0.3323


 90.3479, 0.3723,
0.3329

 9.0816, 0.4421,
0.3311


 116.7372, 0.3674,
0.3327

 4.7944, 0.4726,
0.3282

147.8215, 0.3632,
0.3326

 2.1272, 0.5205,
0.3211

183.9853, 0.3596,
0.3325

 0.6798, 0.6723,
0.3277


225.6129, 0.3565,

 0.0000, 1.0000,

0.3323


0.0000

273.0887, 0.3537,
0.3322

 0.0000, 0.0000,
0.0000


 35.5062, 0.3945,
0.3330


 35.5062, 0.3945,
0.3330

 29.3836, 0.4306,
0.3341

 42.8805, 0.3647,
0.3318


 24.4384, 0.4729,
0.3350


 51.5652, 0.3405,
0.3306


 20.5967, 0.5194,
0.3354

 61.6213, 0.3210,
0.3295

 17.7737, 0.5656,
0.3352

 73.1047, 0.3054,
0.3285

 15.8726, 0.6046,
0.3341

 86.0681, 0.2928,
0.3276

■ 14.7778, 0.6300,
0.3323

■ 93.0361, 0.2883,
0.3289

■ 14.4835, 0.6376,
0.3319

Harmonies

Analogous

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



35.5062, 0.3610, 0.2981



35.5062, 0.3945, 0.3330



35.5062, 0.4039, 0.3694

Triad

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



35.5062, 0.3945, 0.3330



35.5062, 0.3052, 0.3986



35.5062, 0.2412, 0.2589

Complementary

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



35.5062, 0.3945, 0.3330



56.9187, 0.2630, 0.3249

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.



35.5062, 0.2291, 0.2792



35.5062, 0.3945, 0.3330



35.5062, 0.2640, 0.3616

Square

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



35.5062, 0.3945, 0.3330



35.5062, 0.3503, 0.4118



35.5062, 0.2369, 0.3162



35.5062, 0.2716, 0.2567

Rectangle

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



35.5062, 0.3945, 0.3330



35.5062, 0.3952, 0.3905



35.5062, 0.2369, 0.3162



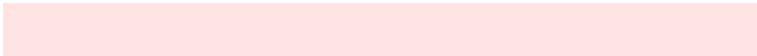
35.5062, 0.2350, 0.2636

Sweetspot

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



35.5079, 0.3945, 0.3330



82.3347, 0.3323, 0.3302



37.4846, 0.3191, 0.2452



17.1954, 0.3351, 0.3303



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.



35.5079, 0.3945, 0.3330



45.9224, 0.4205, 0.3338



48.3966, 0.3787, 0.3778



12.5002, 0.3290, 0.3300



8.7906, 0.6369, 0.3325



0.5591, 0.6270, 0.3404

Inverse Universe

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



56.9187, 0.2630, 0.3249



82.3021, 0.2545, 0.3240



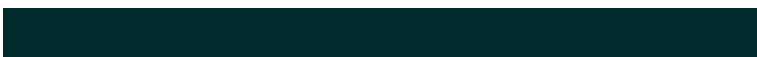
40.6110, 0.2562, 0.2744



14.0180, 0.2983, 0.3280



29.4715, 0.2212, 0.3164



1.8048, 0.2219, 0.3187

Previews

White Background



This preview shows how the Yxy color 35.5062, 0.3945, 0.3330 looks on a white background.

Color Contrast Check

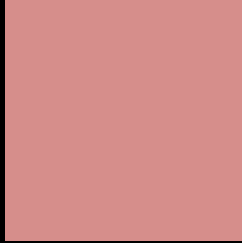
Large Text (above 18pt) WCAG AA × Fail

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 35.5062, 0.3945, 0.3330 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 35.5062, 0.3945, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 35.5062, 0.3945, 0.3330.



This preview shows how white text looks on a background with the Yxy color 35.5062, 0.3945, 0.3330.

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

35.5062, 0.3945, 0.3330

Protanopia

35.8752, 0.3294, 0.3465

Deuteranopia

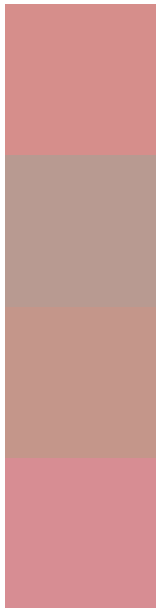
35.5631, 0.3609, 0.3541



Tritanopia

35.4376, 0.3829, 0.3156

Trichromacy



Original Color

35.5062, 0.3945, 0.3330

Protanomaly

35.3459, 0.3521, 0.3416

Deuteranomaly

35.3834, 0.3733, 0.3452

Tritanomaly

35.6034, 0.3870, 0.3218

Monochromacy



Original Color

35.5062, 0.3945, 0.3330

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.7209, 0.3409, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5062, 0.3945, 0.3330 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(214, 142, 139)` looks like.

```
.text, #text, p{  
    color:rgb(214, 142, 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(214, 142, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 142, 139) }
```

Border

The CSS property to change the border of an element to Yxy 35.5062, 0.3945, 0.3330 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(214, 142, 139) }
```

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

```
.border{ border-color:rgb(214, 142, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 142, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 142, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 142, 139);  
box-shadow:4px 4px 4px 4px rgb(214, 142,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5062, 0.3945, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 142, 139) }
```

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

```
.background{ background-color: rgb(214,  
142, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor