

Converting Colors

$Yxy(35.5478, 0.3938, 0.3557)$

Have a look what the booklet for
Yxy(35.5478, 0.3938, 0.3557)
contains.

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Color

Yxy(35.5495, 0.3943, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	CC947F
RGB	204, 148, 127
RGB Percent	80%, 58%, 50%
CMY	0.1999, 0.4197, 0.5020
CMYK	0.00, 0.27, 0.38, 0.20
HSL	16°, 43%, 65%
HSV	16°, 38%, 80%
XYZ	39.3299, 35.5495, 24.8667
YIQ	162.3500, 40.1170, 5.3410

Conversions

Conversions Part 2

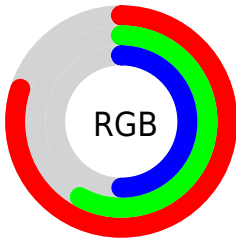
Format	Color
R_{YB}	204, 156, 127
Decimal	13407359
CIE _{Lab}	66.17, 18.39, 19.43
CIE _{LCh}	66, 26.753, 46.573
Yxy	35.5495, 0.3943, 0.3564
Android (android.graphics.Color)	4291597439 (0xFFCC947F)
YUV	162.3500, -17.4275, 36.5271
Hunter-Lab	59.6234, 13.4045, 17.0087

Details

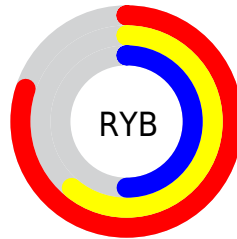
The Yxy color **35.5495, 0.3943, 0.3564** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7596, 0.2562, 0.2994**, and the grayscale version is **36.3747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7963, 0.3721, 0.3520**, and **15.3953, 0.4203, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **30.7103, 0.4255, 0.3635**, and if you desaturate by 10%, it is **41.0971, 0.3674, 0.3489**.

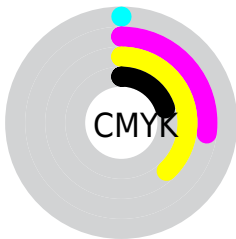
Distribution



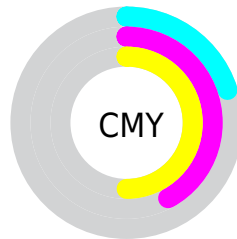
- Red (80%)
- Green (58%)
- Blue (50%)



- Red (80%)
- Yellow (61%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (20%)





- Cyan (20%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5495, 0.3943, 0.3564 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 35.5495, 0.3943, 0.3564 by changing the saturation by 10% instead.


 35.5495, 0.3943,
0.3564


 35.5495, 0.3943,
0.3564


326.9872, 0.3513,
0.3435

 24.0865, 0.4057,
0.3593


 68.3362, 0.3782,
0.3519

 15.3978, 0.4206,
0.3626


 90.4286, 0.3723,
0.3502

 9.0990, 0.4411,
0.3666


 116.8329, 0.3673,
0.3487

 4.8058, 0.4705,
0.3707

147.9336, 0.3632,
0.3474

 2.1338, 0.5195,
0.3762

184.1149, 0.3596,
0.3462

 0.6835, 0.6222,
0.3778

225.7614, 0.3565,

 0.0000, 1.0000,

0.3452

0.0000

273.2573, 0.3537,
0.3443

0.0000, 0.0000,
0.0000

35.5495, 0.3943,
0.3564

35.5495, 0.3943,
0.3564

30.7103, 0.4255,
0.3635

41.0971, 0.3674,
0.3489

26.5452, 0.4607,
0.3693

47.3752, 0.3446,
0.3414

23.0248, 0.4985,
0.3729


54.4115, 0.3254,
0.3342

20.1153, 0.5365,
0.3730


62.2304, 0.3094,
0.3275

17.7792, 0.5710,
0.3689


70.8554, 0.2959,
0.3214

 15.9726, 0.5983,
0.3607

 80.3088, 0.2846,
0.3158

 15.6316, 0.6038,
0.3588

 89.6204, 0.2825,
0.3257

 91.5826, 0.2827,
0.3289

Harmonies

Analogous

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



35.5495, 0.3788, 0.3232



35.5495, 0.3943, 0.3564



35.5495, 0.3861, 0.3856

Triad

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



35.5495, 0.3943, 0.3564



35.5495, 0.2792, 0.3693



35.5495, 0.2662, 0.2627

Complementary

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



35.5495, 0.3943, 0.3564



42.7596, 0.2562, 0.2994

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.



35.5495, 0.2431, 0.2698



35.5495, 0.3943, 0.3564



35.5495, 0.2501, 0.3297

Square

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



35.5495, 0.3943, 0.3564



35.5495, 0.3184, 0.3968



35.5495, 0.2375, 0.2932



35.5495, 0.3027, 0.2713

Rectangle

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



35.5495, 0.3943, 0.3564



35.5495, 0.3690, 0.3984



35.5495, 0.2375, 0.2932



35.5495, 0.2567, 0.2632

Sweetspot

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



35.5512, 0.3943, 0.3564



85.9870, 0.3315, 0.3366



31.4605, 0.3382, 0.2589



18.0589, 0.3341, 0.3376



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.



35.5512, 0.3943, 0.3564



52.4817, 0.4184, 0.3620



49.5185, 0.3765, 0.4025



11.7028, 0.3283, 0.3354



9.9691, 0.6013, 0.3607



0.6431, 0.5619, 0.3921

Inverse Universe

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



42.7596, 0.2562, 0.2994



65.9860, 0.2457, 0.2921



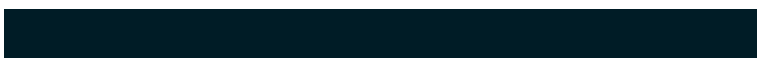
29.1163, 0.2479, 0.2424



12.1899, 0.2983, 0.3225



16.3191, 0.1997, 0.2387



0.9639, 0.2051, 0.2584

Previews

White Background



This preview shows how the Yxy color 35.5495, 0.3943, 0.3564 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 35.5495, 0.3943, 0.3564 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 35.5495, 0.3943, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 35.5495, 0.3943, 0.3564.



This preview shows how white text looks on a background with the Yxy color 35.5495, 0.3943, 0.3564.

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

35.5495, 0.3943, 0.3564

Protanopia

35.7292, 0.3474, 0.3699

Deuteranopia

35.7679, 0.3762, 0.3689



Tritanopia

35.5785, 0.3687, 0.3152

Trichromacy



Original Color

35.5495, 0.3943, 0.3564

Protanomaly

35.3607, 0.3634, 0.3643

Deuteranomaly

35.4322, 0.3828, 0.3642

Tritanomaly

35.4169, 0.3782, 0.3292

Monochromacy



Original Color

35.5495, 0.3943, 0.3564

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.6310, 0.3402, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5495, 0.3943, 0.3564 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(204, 148, 127)` looks like.

```
.text, #text, p{  
    color:rgb(204, 148, 127)  
}
```

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(204, 148, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 148, 127) }
```

Border

The CSS property to change the border of an element to Yxy 35.5495, 0.3943, 0.3564 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(204, 148, 127) }
```

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

```
.border{ border-color:rgb(204, 148, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 148, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 148, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 148, 127);  
box-shadow:4px 4px 4px 4px rgb(204, 148,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5495, 0.3943, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 148, 127) }
```

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

```
.background{ background-color: rgb(204,  
148, 127) }
```

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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