

Converting Colors

$Yxy(38.6006, 0.3939, 0.3504)$

Have a look what the booklet for
Yxy(38.6006, 0.3939, 0.3504)
contains.

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Color

Yxy(38.5019, 0.3943, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	D69887
RGB	214, 152, 135
RGB Percent	84%, 60%, 53%
CMY	0.1607, 0.4039, 0.4706
CMYK	0.00, 0.29, 0.37, 0.16
HSL	13°, 49%, 68%
HSV	13°, 37%, 84%
XYZ	43.3380, 38.5019, 28.0713
YIQ	168.6000, 42.4090, 7.8570

Conversions

Conversions Part 2

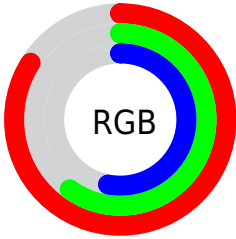
Format	Color
R _Y B	214, 157, 135
Decimal	14063751
CIE Lab	68.39, 21.09, 18.21
CIE LCh	68, 27.865, 40.798
Yxy	38.5019, 0.3943, 0.3503
Android (android.graphics.Color)	4292253831 (0xFFD69887)
YUV	168.6000, -16.5648, 39.8158
Hunter-Lab	62.0499, 16.0838, 16.6122

Details

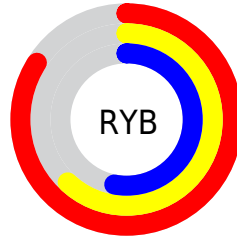
The Yxy color **38.5019, 0.3943, 0.3503** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.9555, 0.2581, 0.3063**, and the grayscale version is **39.5375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5165, 0.3644, 0.3488**, and **17.1313, 0.4193, 0.3557** is the 20% darker color. If you saturate the color by 10%, you get **32.8875, 0.4269, 0.3559**, and if you desaturate by 10%, it is **45.0136, 0.3666, 0.3443**.

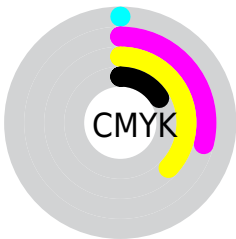
Distribution



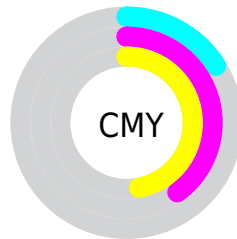
- Red (84%)
- Green (60%)
- Blue (53%)



- Red (84%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (37%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5019, 0.3943, 0.3503 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 38.5019, 0.3943, 0.3503 by changing the saturation by 10% instead.


 38.5019, 0.3943,
0.3503


 38.5019, 0.3943,
0.3503


339.7681, 0.3518,
0.3407

 26.3725, 0.4054,
0.3523


 72.8768, 0.3785,
0.3471

 17.1025, 0.4199,
0.3546


 95.8910, 0.3727,
0.3458

 10.3076, 0.4395,
0.3571


 123.3023, 0.3678,
0.3446

 5.6034, 0.4674,
0.3594

155.4950, 0.3636,
0.3437

 2.6054, 0.5098,
0.3598

192.8535, 0.3601,
0.3428

 0.9294, 0.6219,
0.3781

235.7623, 0.3569,

 0.0000, 1.0000,

0.3420

0.0000

284.6057, 0.3542,
0.3413

0.0000, 0.0000,
0.0000

38.5019, 0.3943,
0.3503

38.5019, 0.3943,
0.3503

32.8875, 0.4269,
0.3559

45.0136, 0.3666,
0.3443

28.1254, 0.4640,
0.3605

52.4543, 0.3434,
0.3384

24.1747, 0.5044,
0.3631

60.8606, 0.3241,
0.3327

20.9888, 0.5450,
0.3627

70.2659, 0.3081,
0.3274

18.5164, 0.5814,
0.3587

80.7015, 0.2948,
0.3226

■ 16.6982, 0.6092,
0.3512

■ 91.6435, 0.2882,
0.3267

■ 16.2545, 0.6163,
0.3489

■ 93.0394, 0.2883,
0.3289

Harmonies

Analogous

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



38.5019, 0.3742, 0.3167



38.5019, 0.3943, 0.3503



38.5019, 0.3905, 0.3813

Triad

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



38.5019, 0.3943, 0.3503



38.5019, 0.2858, 0.3767



38.5019, 0.2598, 0.2619

Complementary

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



38.5019, 0.3943, 0.3503



49.9555, 0.2581, 0.3063

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.



38.5019, 0.2397, 0.2722



38.5019, 0.3943, 0.3503



38.5019, 0.2538, 0.3376

Square

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



38.5019, 0.3943, 0.3503



38.5019, 0.3265, 0.4007



38.5019, 0.2375, 0.2989



38.5019, 0.2946, 0.2677

Rectangle

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



38.5019, 0.3943, 0.3503



38.5019, 0.3755, 0.3964



38.5019, 0.2375, 0.2989



38.5019, 0.2512, 0.2635

Sweetspot

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



38.5037, 0.3943, 0.3503



85.0702, 0.3317, 0.3350



35.7167, 0.3322, 0.2545



17.8417, 0.3344, 0.3358



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.



38.5037, 0.3943, 0.3503



50.8462, 0.4183, 0.3546



53.0134, 0.3773, 0.3953



12.8493, 0.3286, 0.3341



9.9476, 0.6140, 0.3507



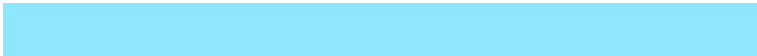
0.7235, 0.5802, 0.3775

Inverse Universe

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



49.9555, 0.2581, 0.3063



70.1250, 0.2483, 0.3008



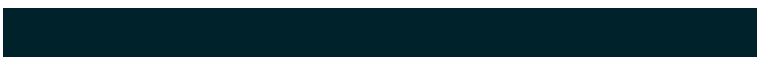
34.7048, 0.2504, 0.2520



13.6336, 0.2982, 0.3239



20.0173, 0.2052, 0.2587



1.3228, 0.2090, 0.2722

Previews

White Background



This preview shows how the Yxy color 38.5019, 0.3943, 0.3503 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 38.5019, 0.3943, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

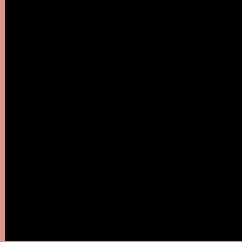
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5019, 0.3943, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 38.5019, 0.3943, 0.3503.



This preview shows how white text looks on a background with the Yxy color 38.5019, 0.3943, 0.3503.

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

38.5019, 0.3943, 0.3503

Protanopia

38.8205, 0.3435, 0.3642

Deuteranopia

38.4372, 0.3734, 0.3651



Tritanopia

38.3168, 0.3714, 0.3145

Trichromacy



Original Color

38.5019, 0.3943, 0.3503

Protanomaly

38.6519, 0.3617, 0.3602

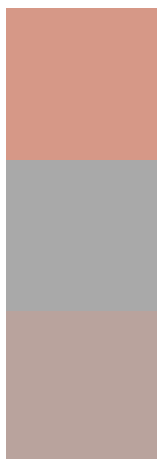
Deuteranomaly

38.3917, 0.3808, 0.3590

Tritanomaly

38.1763, 0.3796, 0.3267

Monochromacy



Original Color

38.5019, 0.3943, 0.3503

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.9430, 0.3394, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5019, 0.3943, 0.3503 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, 152, 135)` looks like.

```
.text, #text, p{  
    color:rgb(214, 152, 135)  
}
```

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, 152, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 152, 135) }
```

Border

The CSS property to change the border of an element to Yxy 38.5019, 0.3943, 0.3503 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, 152, 135) }
```

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

```
.border{ border-color:rgb(214, 152, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 152, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 152, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 152, 135);  
box-shadow:4px 4px 4px 4px rgb(214, 152,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5019, 0.3943, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 152, 135) }
```

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

```
.background{ background-color: rgb(214,  
152, 135) }
```

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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