

Converting Colors

$Yxy(39.6058, 0.3663, 0.3532)$

Have a look what the booklet for
Yxy(39.6058, 0.3663, 0.3532)
contains.

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Color

Yxy(39.4787, 0.3663, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	C6A18F
RGB	198, 161, 143
RGB Percent	78%, 63%, 56%
CMY	0.2235, 0.3686, 0.4393
CMYK	0.00, 0.19, 0.28, 0.22
HSL	20°, 33%, 67%
HSV	20°, 28%, 78%
XYZ	40.9894, 39.4787, 31.4330
YIQ	170.0110, 27.8300, 2.2460

Conversions

Conversions Part 2

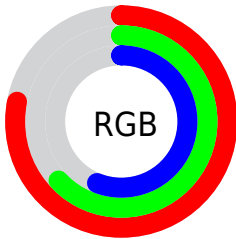
Format	Color
R_{YB}	198, 170, 143
Decimal	13017487
CIE _{Lab}	69.10, 10.96, 14.54
CIE _{LCh}	69, 18.207, 52.978
Yxy	39.4787, 0.3663, 0.3528
Android (android.graphics.Color)	4291207567 (0xFFC6A18F)
YUV	170.0110, -13.3164, 24.5464
Hunter-Lab	62.8321, 6.4908, 14.3214

Details

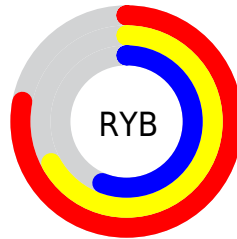
The Yxy color **39.4787, 0.3663, 0.3528** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5400, 0.2702, 0.3038**, and the grayscale version is **40.2613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4030, 0.3554, 0.3486**, and **17.5672, 0.3823, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **34.5255, 0.3921, 0.3618**, and if you desaturate by 10%, it is **45.0366, 0.3442, 0.3439**.

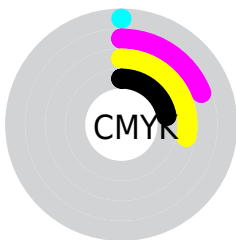
Distribution



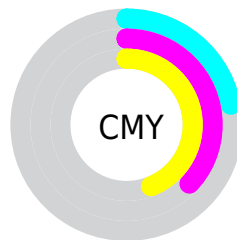
- Red (78%)
- Green (63%)
- Blue (56%)



- Red (78%)
- Yellow (67%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (28%)
- Black (22%)





- Cyan (22%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4787, 0.3663, 0.3528 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 39.4787, 0.3663, 0.3528 by changing the saturation by 10% instead.


 39.4787, 0.3663,
0.3528


 39.4787, 0.3663,
0.3528


343.9214, 0.3386,
0.3411

 27.1323, 0.3735,
0.3556


 74.3690, 0.3560,
0.3486

 17.6726, 0.3829,
0.3591


 97.6818, 0.3522,
0.3470

 10.7152, 0.3958,
0.3637


125.4188, 0.3490,
0.3457

 5.8757, 0.4141,
0.3696

157.9645, 0.3463,
0.3445

 2.7696, 0.4424,
0.3774

195.7032, 0.3440,
0.3435

 1.0127, 0.5406,
0.4257

239.0193, 0.3419,

 0.0000, 1.0000,

0.3426

0.0000

288.2973, 0.3401,
0.3418

0.0000, 0.0000,
0.0000

39.4787, 0.3663,
0.3528

39.4787, 0.3663,
0.3528

34.5255, 0.3921,
0.3618

45.0366, 0.3442,
0.3439

30.1506, 0.4217,
0.3703

51.2137, 0.3254,
0.3353

26.3334, 0.4547,
0.3775

58.0307, 0.3094,
0.3273

23.0502, 0.4899,
0.3822

65.5058, 0.2959,
0.3199

20.2752, 0.5254,
0.3833

73.6563, 0.2845,
0.3131

■ 17.9800, 0.5578,
0.3798

■ 82.0554, 0.2783,
0.3139

■ 16.1307, 0.5845,
0.3717

■ 90.2188, 0.2794,
0.3280

■ 15.7758, 0.5900,
0.3697

■ 90.7457, 0.2794,
0.3289

Harmonies

Analogous

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



39.4787, 0.3593, 0.3306



39.4787, 0.3663, 0.3528



39.4787, 0.3582, 0.3701

Triad

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



39.4787, 0.3663, 0.3528



39.4787, 0.2859, 0.3500



39.4787, 0.2866, 0.2847

Complementary

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



39.4787, 0.3663, 0.3528



42.5400, 0.2702, 0.3038

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.



39.4787, 0.2685, 0.2877



39.4787, 0.3663, 0.3528



39.4787, 0.2681, 0.3246

Square

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



39.4787, 0.3663, 0.3528



39.4787, 0.3113, 0.3698



39.4787, 0.2619, 0.3018



39.4787, 0.3123, 0.2924

Rectangle

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



39.4787, 0.3663, 0.3528



39.4787, 0.3457, 0.3761



39.4787, 0.2619, 0.3018



39.4787, 0.2795, 0.2844

Sweetspot

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



39.4805, 0.3663, 0.3528



90.3160, 0.3259, 0.3356



34.9596, 0.3328, 0.2810



18.9595, 0.3286, 0.3369



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.



39.4805, 0.3663, 0.3528



64.7823, 0.3805, 0.3580



49.9161, 0.3574, 0.3861



11.1954, 0.3281, 0.3366



10.3997, 0.5876, 0.3717



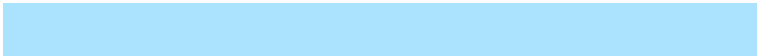
0.6255, 0.5463, 0.4044

Inverse Universe

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



42.5400, 0.2702, 0.3038



71.0260, 0.2617, 0.2979



32.7150, 0.2662, 0.2646



11.4588, 0.2984, 0.3212



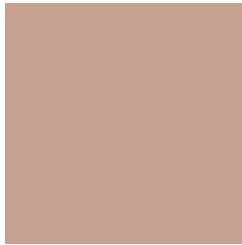
13.7387, 0.1942, 0.2192



0.7787, 0.2013, 0.2448

Previews

White Background



This preview shows how the Yxy color 39.4787, 0.3663, 0.3528 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 39.4787, 0.3663, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

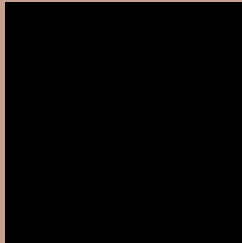
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4787, 0.3663, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 39.4787, 0.3663, 0.3528.



This preview shows how white text looks on a background with the Yxy color 39.4787, 0.3663, 0.3528.

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

39.4787, 0.3663, 0.3528

Protanopia

39.4590, 0.3397, 0.3584

Deuteranopia

39.2932, 0.3619, 0.3544



Tritanopia

39.3960, 0.3449, 0.3138

Trichromacy



Original Color

39.4787, 0.3663, 0.3528

Protanomaly

39.2999, 0.3492, 0.3550

Deuteranomaly

39.4259, 0.3629, 0.3543

Tritanomaly

39.2711, 0.3525, 0.3265

Monochromacy



Original Color

39.4787, 0.3663, 0.3528

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.8788, 0.3311, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4787, 0.3663, 0.3528 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(198, 161, 143)` looks like.

```
.text, #text, p{  
    color:rgb(198, 161, 143)  
}
```

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(198, 161, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 161, 143) }
```

Border

The CSS property to change the border of an element to Yxy 39.4787, 0.3663, 0.3528 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(198, 161, 143) }
```

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

```
.border{ border-color:rgb(198, 161, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 161, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 161, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 161, 143);  
box-shadow:4px 4px 4px 4px rgb(198, 161,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4787, 0.3663, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 161, 143) }
```

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

```
.background{ background-color: rgb(198,  
161, 143) }
```

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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