

Converting Colors

$Yxy(39.3805, 0.3656, 0.3513)$

Have a look what the booklet for
Yxy(39.3805, 0.3656, 0.3513)
contains.

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Color

Yxy(39.5091, 0.3653, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	C6A190
RGB	198, 161, 144
RGB Percent	78%, 63%, 56%
CMY	0.2235, 0.3686, 0.4352
CMYK	0.00, 0.19, 0.27, 0.22
HSL	19°, 32%, 67%
HSV	19°, 27%, 78%
XYZ	41.0719, 39.5091, 31.8524
YIQ	170.1250, 27.5090, 2.5570

Conversions

Conversions Part 2

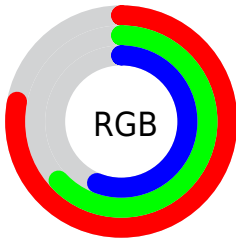
Format	Color
R _Y B	198, 169, 144
Decimal	13017488
CIE Lab	69.12, 11.12, 13.99
CIE LCh	69, 17.871, 51.513
Yxy	39.5091, 0.3653, 0.3514
Android (android.graphics.Color)	4291207568 (0xFFC6A190)
YUV	170.1250, -12.8796, 24.4464
Hunter-Lab	62.8563, 6.6381, 13.9542

Details

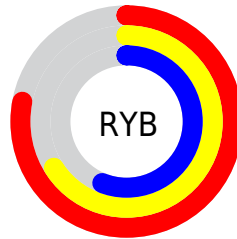
The Yxy color **39.5091, 0.3653, 0.3514** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.0712, 0.2711, 0.3054**, and the grayscale version is **40.3212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4490, 0.3547, 0.3475**, and **17.5851, 0.3810, 0.3560** is the 20% darker color. If you saturate the color by 10%, you get **34.4677, 0.3911, 0.3600**, and if you desaturate by 10%, it is **45.1754, 0.3432, 0.3428**.

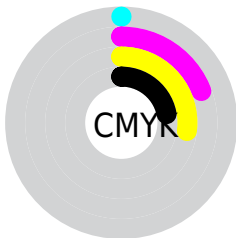
Distribution



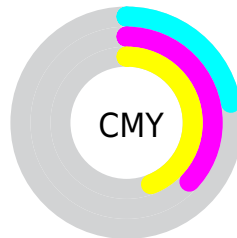
- Red (78%)
- Green (63%)
- Blue (56%)



- Red (78%)
- Yellow (66%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (27%)
- Black (22%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5091, 0.3653, 0.3514 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 39.5091, 0.3653, 0.3514 by changing the saturation by 10% instead.


 39.5091, 0.3653,
0.3514

 39.5091, 0.3653,
0.3514


344.0501, 0.3381,
0.3404

 27.1560, 0.3724,
0.3540


 74.4154, 0.3552,
0.3475

 17.6904, 0.3816,
0.3573


 97.7374, 0.3515,
0.3460

 10.7280, 0.3942,
0.3616


125.4845, 0.3483,
0.3447

 5.8842, 0.4123,
0.3671

158.0411, 0.3457,
0.3436

 2.7748, 0.4402,
0.3744

195.7915, 0.3434,
0.3427

 1.0153, 0.5324,
0.4177

239.1203, 0.3414,

 0.0000, 1.0000,

0.3418

0.0000

288.4117, 0.3396,
0.3411

0.0000, 0.0000,
0.0000

39.5091, 0.3653,
0.3514

39.5091, 0.3653,
0.3514

34.4677, 0.3911,
0.3600

45.1754, 0.3432,
0.3428

30.0240, 0.4209,
0.3682

51.4821, 0.3245,
0.3346

26.1564, 0.4542,
0.3752

58.4506, 0.3087,
0.3270

22.8400, 0.4900,
0.3798

66.1000, 0.2953,
0.3199

20.0479, 0.5261,
0.3809

74.4483, 0.2840,
0.3134

■ 17.7505, 0.5594,
0.3774

■ 82.9986, 0.2784,
0.3156

■ 15.9132, 0.5866,
0.3694

■ 90.7482, 0.2794,
0.3289

■ 15.4828, 0.5934,
0.3670

Harmonies

Analogous

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



39.5091, 0.3577, 0.3295



39.5091, 0.3653, 0.3514



39.5091, 0.3581, 0.3687

Triad

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



39.5091, 0.3653, 0.3514



39.5091, 0.2875, 0.3508



39.5091, 0.2860, 0.2853

Complementary

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



39.5091, 0.3653, 0.3514



43.0712, 0.2711, 0.3054

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.



39.5091, 0.2687, 0.2889



39.5091, 0.3653, 0.3514



39.5091, 0.2695, 0.3259

Square

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



39.5091, 0.3653, 0.3514



39.5091, 0.3126, 0.3696



39.5091, 0.2628, 0.3033



39.5091, 0.3110, 0.2925

Rectangle

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



39.5091, 0.3653, 0.3514



39.5091, 0.3461, 0.3750



39.5091, 0.2628, 0.3033



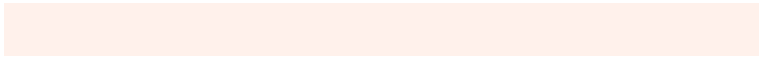
39.5091, 0.2791, 0.2853

Sweetspot

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



39.5109, 0.3653, 0.3514



90.1545, 0.3259, 0.3353



35.3292, 0.3314, 0.2808



18.9190, 0.3286, 0.3365



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.



39.5109, 0.3653, 0.3514



64.2688, 0.3809, 0.3568



49.6553, 0.3568, 0.3839



11.1722, 0.3282, 0.3363



10.2033, 0.5910, 0.3690



0.6143, 0.5494, 0.4020

Inverse Universe

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



43.0712, 0.2711, 0.3054



71.6445, 0.2618, 0.2992



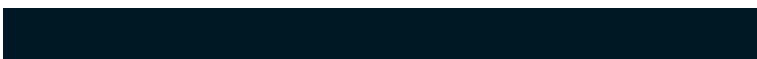
33.3901, 0.2673, 0.2673



11.4832, 0.2984, 0.3216



14.2135, 0.1956, 0.2240



0.7985, 0.2024, 0.2485

Previews

White Background



This preview shows how the Yxy color 39.5091, 0.3653, 0.3514 looks on a white background.

Color Contrast Check

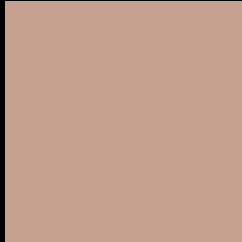
Large Text (above 18pt) WCAG AA × Fail

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 39.5091, 0.3653, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

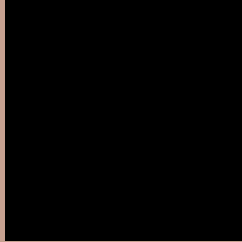
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5091, 0.3653, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 39.5091, 0.3653, 0.3514.



This preview shows how white text looks on a background with the Yxy color 39.5091, 0.3653, 0.3514.

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

39.5091, 0.3653, 0.3514

Protanopia

39.4905, 0.3388, 0.3569

Deuteranopia

39.6773, 0.3606, 0.3543



Tritanopia

39.3960, 0.3449, 0.3138

Trichromacy



Original Color

39.5091, 0.3653, 0.3514

Protanomaly

39.3311, 0.3482, 0.3537

Deuteranomaly

39.4564, 0.3619, 0.3530

Tritanomaly

39.2711, 0.3525, 0.3265

Monochromacy



Original Color

39.5091, 0.3653, 0.3514

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.9139, 0.3302, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5091, 0.3653, 0.3514 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(198, 161, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 161, 144) }
```

Border

The CSS property to change the border of an element to Yxy 39.5091, 0.3653, 0.3514 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, 144) }
```

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

```
.border{ border-color:rgb(198, 161, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 161, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 161, 144);  
box-shadow:4px 4px 4px 4px rgb(198, 161,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5091, 0.3653, 0.3514 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, 144) }
```

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

```
.background{ background-color: rgb(198,  
161, 144) }
```

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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