

Converting Colors

$Yxy(40.5547, 0.3501, 0.3228)$

Have a look what the booklet for
Yxy(40.5547, 0.3501, 0.3228)
contains.

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Color

Yxy(40.5547, 0.3501, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	CBA0A5
RGB	203, 160, 165
RGB Percent	80%, 63%, 65%
CMY	0.2040, 0.3725, 0.3530
CMYK	0.00, 0.21, 0.19, 0.20
HSL	353°, 29%, 71%
HSV	353°, 21%, 80%
XYZ	43.9845, 40.5547, 41.0949
YIQ	173.4270, 24.0230, 10.6710

Conversions

Conversions Part 2

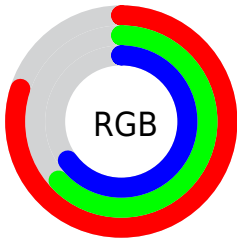
Format	Color
RYB	203, 160, 165
Decimal	13344933
CIELab	69.86, 16.65, 3.50
CIElCh	70, 17.011, 11.889
Yxy	40.5547, 0.3501, 0.3228
Android (android.graphics.Color)	4291535013 (0xFFCBA0A5)
YUV	173.4270, -4.1545, 25.9355
Hunter-Lab	63.6826, 11.8425, 6.3174

Details

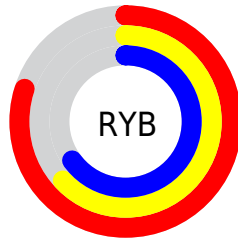
The Yxy color **40.5547, 0.3501, 0.3228** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.2548, 0.2846, 0.3354**, and the grayscale version is **42.0305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0282, 0.3389, 0.3240**, and **18.2133, 0.3617, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **33.4748, 0.3746, 0.3197**, and if you desaturate by 10%, it is **48.8791, 0.3303, 0.3258**.

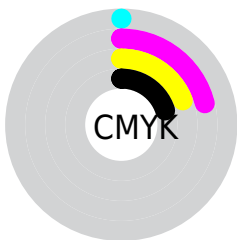
Distribution



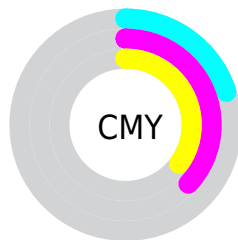
- Red (80%)
- Green (63%)
- Blue (65%)



- Red (80%)
- Yellow (63%)
- Blue (65%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (20%)




- Cyan (20%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5547, 0.3501, 0.3228 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 40.5547, 0.3501, 0.3228 by changing the saturation by 10% instead.


 40.5547, 0.3501,
0.3228


 40.5547, 0.3501,
0.3228


348.4560, 0.3309,
0.3262

 27.9713, 0.3551,
0.3219


 76.0075, 0.3430,
0.3241

 18.3040, 0.3616,
0.3206


 99.6456, 0.3404,
0.3245

 11.1685, 0.3704,
0.3189


127.7374, 0.3381,
0.3249

 6.1803, 0.3831,
0.3163

160.6674, 0.3363,
0.3253

 2.9550, 0.4030,
0.3119

198.8198, 0.3346,
0.3255

 1.1083, 0.4380,
0.3035

242.5791, 0.3332,

 0.0000, 1.0000,

0.3258


0.0000


292.3298, 0.3320,
0.3260


 0.0000, 0.0000,
0.0000


 40.5547, 0.3501,
0.3228


 40.5547, 0.3501,
0.3228


 33.4748, 0.3746,
0.3197


 48.8791, 0.3303,
0.3258


 27.5743, 0.4047,
0.3167


 58.4978, 0.3144,
0.3287


 22.7906, 0.4407,
0.3141

 69.4649, 0.3015,
0.3313

 19.0533, 0.4821,
0.3125

 81.8296, 0.2911,
0.3337

 16.2838, 0.5265,
0.3125

 91.4173, 0.2823,
0.3292

■ 14.3923, 0.5696,
0.3145

■ 91.4334, 0.2821,
0.3289

■ 13.2723, 0.6051,
0.3186

■ 12.7570, 0.6269,
0.3227

Harmonies

Analogous

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



40.5547, 0.3284, 0.3039



40.5547, 0.3501, 0.3228



40.5547, 0.3615, 0.3438

Triad

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



40.5547, 0.3501, 0.3228



40.5547, 0.3208, 0.3706



40.5547, 0.2680, 0.2944

Complementary

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



40.5547, 0.3501, 0.3228



54.2548, 0.2846, 0.3354

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.



40.5547, 0.2663, 0.3110



40.5547, 0.3501, 0.3228



40.5547, 0.2961, 0.3562

Square

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



40.5547, 0.3501, 0.3228



40.5547, 0.3440, 0.3724



40.5547, 0.2763, 0.3338



40.5547, 0.2812, 0.2876

Rectangle

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



40.5547, 0.3501, 0.3228



40.5547, 0.3615, 0.3567



40.5547, 0.2763, 0.3338



40.5547, 0.2661, 0.2990

Sweetspot

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



40.5565, 0.3501, 0.3228



89.7825, 0.3218, 0.3273



41.4593, 0.3106, 0.2762



18.9897, 0.3228, 0.3271



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.



40.5565, 0.3501, 0.3228



62.7361, 0.3597, 0.3215



46.4733, 0.3507, 0.3498



11.2344, 0.3272, 0.3264



8.1275, 0.6247, 0.3215



0.4265, 0.5846, 0.2994

Inverse Universe

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



40.5565, 0.3501, 0.3228



62.7361, 0.3597, 0.3215



47.1189, 0.2800, 0.3072



11.2344, 0.3272, 0.3264



8.1275, 0.6247, 0.3215



0.4265, 0.5846, 0.2994

Previews

White Background



This preview shows how the Yxy color 40.5547, 0.3501, 0.3228 looks on a white background.

Color Contrast Check

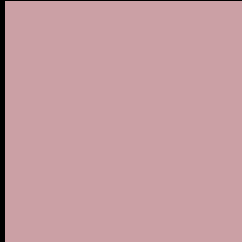
Large Text (above 18pt) WCAG AA × Fail

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 40.5547, 0.3501, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

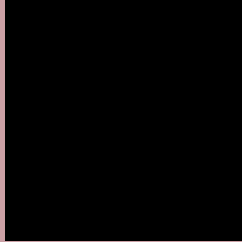
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5547, 0.3501, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 40.5547, 0.3501, 0.3228.



This preview shows how white text looks on a background with the Yxy color 40.5547, 0.3501, 0.3228.

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

40.5547, 0.3501, 0.3228

Protanopia

40.6884, 0.3155, 0.3276

Deuteranopia

40.5378, 0.3374, 0.3304



Tritanopia

40.5739, 0.3455, 0.3140

Trichromacy



Original Color

40.5547, 0.3501, 0.3228

Protanomaly

40.4513, 0.3279, 0.3250

Deuteranomaly

40.4768, 0.3426, 0.3278

Tritanomaly

40.4982, 0.3474, 0.3165

Monochromacy



Original Color

40.5547, 0.3501, 0.3228

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.0979, 0.3258, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5547, 0.3501, 0.3228 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(203, 160, 165)` looks like.

```
.text, #text, p{  
    color:rgb(203, 160, 165)  
}
```

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(203, 160, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 160, 165) }
```

Border

The CSS property to change the border of an element to Yxy 40.5547, 0.3501, 0.3228 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(203, 160, 165) }
```

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

```
.border{ border-color:rgb(203, 160, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 160, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 160, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 160, 165);  
box-shadow:4px 4px 4px 4px rgb(203, 160,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5547, 0.3501, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 160, 165) }
```

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

```
.background{ background-color: rgb(203,  
160, 165) }
```

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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