

Converting Colors

$Y_{xy}(40.2892, 0.3531, 0.3339)$

Have a look what the booklet for
Yxy(40.2892, 0.3531, 0.3339)
contains.

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Color

Yxy(40.1005, 0.3527, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	C7A19E
RGB	199, 161, 158
RGB Percent	78%, 63%, 62%
CMY	0.2195, 0.3686, 0.3804
CMYK	0.00, 0.19, 0.21, 0.22
HSL	4°, 27%, 70%
HSV	4°, 21%, 78%
XYZ	42.4728, 40.1005, 37.8486
YIQ	172.0200, 23.6110, 7.1230

Conversions

Conversions Part 2

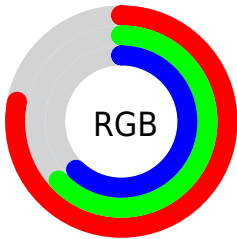
Format	Color
RYB	199, 161, 158
Decimal	13083038
CIELab	69.54, 13.55, 6.86
CIElCh	70, 15.188, 26.853
Yxy	40.1005, 0.3527, 0.3330
Android (android.graphics.Color)	4291273118 (0xFFC7A19E)
YUV	172.0200, -6.9119, 23.6615
Hunter-Lab	63.3250, 8.9034, 8.8905

Details

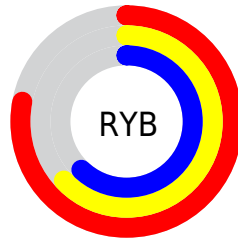
The Yxy color **40.1005, 0.3527, 0.3330** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.8814, 0.2820, 0.3250**, and the grayscale version is **41.2938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1758, 0.3438, 0.3321**, and **17.9281, 0.3642, 0.3327** is the 20% darker color. If you saturate the color by 10%, you get **33.4930, 0.3793, 0.3351**, and if you desaturate by 10%, it is **47.7738, 0.3311, 0.3310**.

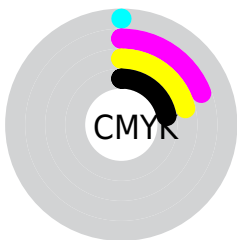
Distribution



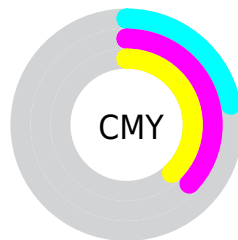
- Red (78%)
- Green (63%)
- Blue (62%)



- Red (78%)
- Yellow (63%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (21%)
- Black (22%)





- Cyan (22%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1005, 0.3527, 0.3330 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 40.1005, 0.3527, 0.3330 by changing the saturation by 10% instead.


 40.1005, 0.3527,
0.3330


 40.1005, 0.3527,
0.3330


346.5470, 0.3321,
0.3312

 27.6169, 0.3581,
0.3334


 75.3165, 0.3450,
0.3324

 18.0371, 0.3651,
0.3338


 98.8178, 0.3422,
0.3322

 10.9766, 0.3747,
0.3342


126.7603, 0.3398,
0.3320

 6.0511, 0.3885,
0.3346

159.5286, 0.3378,
0.3318

 2.8762, 0.4102,
0.3347

197.5070, 0.3361,
0.3316

 1.0674, 0.4526,
0.3362

241.0800, 0.3346,


 0.0000, 1.0000,


0.3315

0.0000

290.6318, 0.3332,
0.3314


 0.0000, 0.0000,
0.0000


 40.1005, 0.3527,
0.3330


 40.1005, 0.3527,
0.3330


 33.4930, 0.3793,
0.3351


 47.7738, 0.3311,
0.3310

 27.8989, 0.4116,
0.3371

 56.5513, 0.3137,
0.3291


 23.2698, 0.4500,
0.3389

 66.4763, 0.2995,
0.3274

 19.5510, 0.4936,
0.3401

 77.5880, 0.2880,
0.3258

 16.6825, 0.5395,
0.3403

 89.7613, 0.2799,
0.3271

■ 14.5968, 0.5824,
0.3391

■ 90.8845, 0.2800,
0.3289

■ 13.2166, 0.6157,
0.3365

■ 12.4736, 0.6351,
0.3339

Harmonies

Analogous

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



40.1005, 0.3373, 0.3145



40.1005, 0.3527, 0.3330



40.1005, 0.3569, 0.3513

Triad

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



40.1005, 0.3527, 0.3330



40.1005, 0.3088, 0.3609



40.1005, 0.2773, 0.2937

Complementary

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



40.1005, 0.3527, 0.3330



50.8814, 0.2820, 0.3250

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.



40.1005, 0.2704, 0.3046



40.1005, 0.3527, 0.3330



40.1005, 0.2881, 0.3438

Square

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



40.1005, 0.3527, 0.3330



40.1005, 0.3310, 0.3685



40.1005, 0.2743, 0.3228



40.1005, 0.2936, 0.2922

Rectangle

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



40.1005, 0.3527, 0.3330



40.1005, 0.3528, 0.3610



40.1005, 0.2743, 0.3228



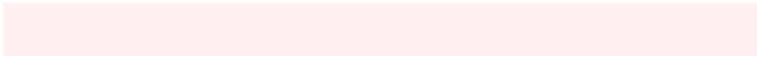
40.1005, 0.2738, 0.2964

Sweetspot

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



40.1023, 0.3527, 0.3330



90.3368, 0.3228, 0.3301



40.5964, 0.3175, 0.2815



19.1201, 0.3239, 0.3302



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.



40.1023, 0.3527, 0.3330



64.4724, 0.3647, 0.3340



47.7597, 0.3476, 0.3586



10.7594, 0.3288, 0.3307



8.0690, 0.6339, 0.3349



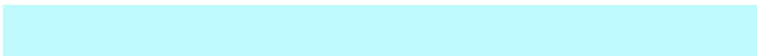
0.4264, 0.6136, 0.3510

Inverse Universe

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



50.8814, 0.2820, 0.3250



86.9108, 0.2754, 0.3239



42.3554, 0.2802, 0.2975



11.9297, 0.2984, 0.3272



24.8709, 0.2184, 0.3062



1.2183, 0.2198, 0.3113

Previews

White Background



This preview shows how the Yxy color 40.1005, 0.3527, 0.3330 looks on a white background.

Color Contrast Check

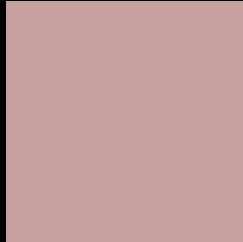
Large Text (above 18pt) WCAG AA × Fail

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 40.1005, 0.3527, 0.3330 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 40.1005, 0.3527, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 40.1005, 0.3527, 0.3330.



This preview shows how white text looks on a background with the Yxy color 40.1005, 0.3527, 0.3330.

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

40.1005, 0.3527, 0.3330

Protanopia

40.1342, 0.3234, 0.3373

Deuteranopia

40.0616, 0.3450, 0.3384



Tritanopia

40.1541, 0.3426, 0.3138

Trichromacy



Original Color

40.1005, 0.3527, 0.3330

Protanomaly

40.0360, 0.3341, 0.3358

Deuteranomaly

40.0980, 0.3482, 0.3370

Tritanomaly

40.1741, 0.3462, 0.3214

Monochromacy



Original Color

40.1005, 0.3527, 0.3330

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.7404, 0.3266, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1005, 0.3527, 0.3330 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(199, 161, 158)` looks like.

```
.text, #text, p{  
    color:rgb(199, 161, 158)  
}
```

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(199, 161, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 161, 158) }
```

Border

The CSS property to change the border of an element to Yxy 40.1005, 0.3527, 0.3330 is called "border". The border property can be set on classes, ids or directly on the HTML element.

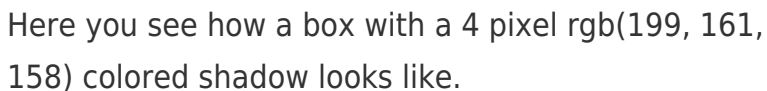
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 161, 158) }
```

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

```
.border{ border-color:rgb(199, 161, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 161, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 161, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 161, 158); box-shadow:4px 4px 4px 4px rgb(199, 161, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1005, 0.3527, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 161, 158) }
```

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

```
.background{ background-color: rgb(199,  
161, 158) }
```

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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