

Converting Colors

$Yxy(40.2807, 0.3625, 0.3420)$

Have a look what the booklet for
Yxy(40.2807, 0.3625, 0.3420)
contains.

Yxy(40.2807, 0.3625, 0.3420)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.2807, 0.3625, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	CAA197
RGB	202, 161, 151
RGB Percent	79%, 63%, 59%
CMY	0.2077, 0.3687, 0.4078
CMYK	0.00, 0.20, 0.25, 0.21
HSL	12°, 33%, 69%
HSV	12°, 25%, 79%
XYZ	42.6952, 40.2807, 34.8039
YIQ	172.1190, 27.6460, 5.5820

Conversions

Conversions Part 2

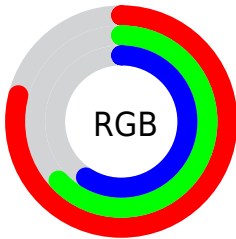
Format	Color
R_{YB}	202, 163, 151
Decimal	13279639
CIE _{Lab}	69.67, 13.66, 10.96
CIE _{LCh}	70, 17.516, 38.726
Yxy	40.2807, 0.3625, 0.3420
Android (android.graphics.Color)	4291469719 (0xFFCAA197)
YUV	172.1190, -10.4117, 26.2056
Hunter-Lab	63.4671, 9.0120, 11.9136

Details

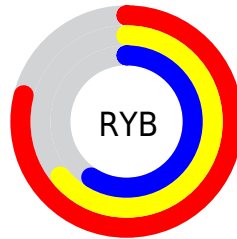
The Yxy color **40.2807, 0.3625, 0.3420** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5663, 0.2748, 0.3156**, and the grayscale version is **41.3638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7795, 0.3496, 0.3403**, and **18.0604, 0.3782, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **34.3666, 0.3896, 0.3475**, and if you desaturate by 10%, it is **47.0491, 0.3399, 0.3366**.

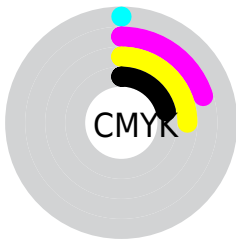
Distribution



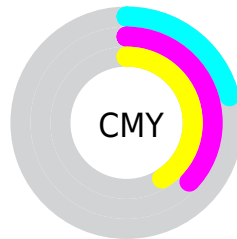
- Red (79%)
- Green (63%)
- Blue (59%)



- Red (79%)
- Yellow (64%)
- Blue (59%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (21%)




- Cyan (21%)
- Magenta (37%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2807, 0.3625, 0.3420 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 40.2807, 0.3625, 0.3420 by changing the saturation by 10% instead.


 40.2807, 0.3625,
0.3420

 40.2807, 0.3625,
0.3420


347.3053, 0.3368,
0.3358

 27.7575, 0.3692,
0.3434


 75.5908, 0.3530,
0.3398

 18.1429, 0.3779,
0.3452


 99.1464, 0.3494,
0.3390

 11.0526, 0.3898,
0.3473


127.1483, 0.3465,
0.3383

 6.1023, 0.4069,
0.3500

159.9808, 0.3440,
0.3377

 2.9074, 0.4334,
0.3532

198.0284, 0.3418,
0.3371

 1.0836, 0.4962,
0.3681

241.6754, 0.3399,

 0.0000, 1.0000,

0.3366

0.0000

291.3062, 0.3383,
0.3362

0.0000, 0.0000,
0.0000

40.2807, 0.3625,
0.3420

40.2807, 0.3625,
0.3420

34.3666, 0.3896,
0.3475

47.0491, 0.3399,
0.3366

29.2672, 0.4217,
0.3527

54.6983, 0.3212,
0.3315

24.9482, 0.4586,
0.3570

63.2604, 0.3058,
0.3268

21.3704, 0.4992,
0.3597

72.7645, 0.2930,
0.3225

18.4914, 0.5407,
0.3597

83.2380, 0.2823,
0.3186

■ 16.2640, 0.5787,
0.3564

■ 91.3015, 0.2816,
0.3289

■ 14.6350, 0.6082,
0.3498

■ 14.0482, 0.6193,
0.3465

Harmonies

Analogous

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



40.2807, 0.3493, 0.3203



40.2807, 0.3625, 0.3420



40.2807, 0.3616, 0.3614

Triad

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



40.2807, 0.3625, 0.3420



40.2807, 0.2981, 0.3592



40.2807, 0.2783, 0.2866

Complementary

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



40.2807, 0.3625, 0.3420



48.5663, 0.2748, 0.3156

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.



40.2807, 0.2659, 0.2947



40.2807, 0.3625, 0.3420



40.2807, 0.2769, 0.3365

Square

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



40.2807, 0.3625, 0.3420



40.2807, 0.3238, 0.3728



40.2807, 0.2654, 0.3127



40.2807, 0.3001, 0.2892

Rectangle

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



40.2807, 0.3625, 0.3420



40.2807, 0.3533, 0.3705



40.2807, 0.2654, 0.3127



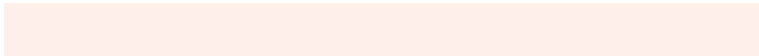
40.2807, 0.2729, 0.2881

Sweetspot

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



40.2826, 0.3625, 0.3420



88.7296, 0.3262, 0.3330



38.5320, 0.3242, 0.2774



18.5624, 0.3290, 0.3337



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.



40.2826, 0.3625, 0.3420



62.8431, 0.3759, 0.3448



49.8614, 0.3550, 0.3728



11.5632, 0.3285, 0.3336



9.1367, 0.6173, 0.3481



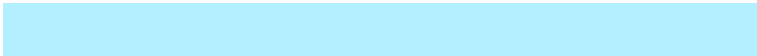
0.5793, 0.5800, 0.3776

Inverse Universe

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



48.5663, 0.2748, 0.3156



79.0814, 0.2675, 0.3125



38.5432, 0.2717, 0.2809



12.3394, 0.2983, 0.3244



19.6048, 0.2071, 0.2655



1.1093, 0.2109, 0.2793

Previews

White Background



This preview shows how the Yxy color 40.2807, 0.3625, 0.3420 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 40.2807, 0.3625, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

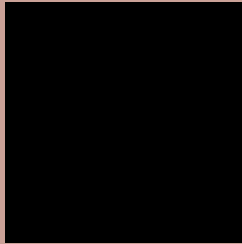
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2807, 0.3625, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 40.2807, 0.3625, 0.3420.



This preview shows how white text looks on a background with the Yxy color 40.2807, 0.3625, 0.3420.

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

40.2807, 0.3625, 0.3420

Protanopia

40.4969, 0.3313, 0.3484

Deuteranopia

40.2223, 0.3546, 0.3476



Tritanopia

40.1934, 0.3467, 0.3139

Trichromacy



Original Color

40.2807, 0.3625, 0.3420

Protanomaly

40.4096, 0.3423, 0.3466

Deuteranomaly

40.2667, 0.3579, 0.3462

Tritanomaly

40.1371, 0.3523, 0.3240

Monochromacy



Original Color

40.2807, 0.3625, 0.3420

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.7529, 0.3302, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2807, 0.3625, 0.3420 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(202, 161, 151)` looks like.

```
.text, #text, p{  
    color:rgb(202, 161, 151)  
}
```

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(202, 161, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 161, 151) }
```

Border

The CSS property to change the border of an element to Yxy 40.2807, 0.3625, 0.3420 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(202, 161, 151) }
```

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

```
.border{ border-color:rgb(202, 161, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 161, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 161, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 161, 151); box-shadow:4px 4px 4px 4px rgb(202, 161, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2807, 0.3625, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 161, 151) }
```

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

```
.background{ background-color: rgb(202,  
161, 151) }
```

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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