

Converting Colors

$Y_{xy}(40.9365, 0.3376, 0.3291)$

Have a look what the booklet for
Yxy(40.9365, 0.3376, 0.3291)
contains.

Yxy(40.8333, 0.3384, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.8333, 0.3384, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	C0A5A5
RGB	192, 165, 165
RGB Percent	75%, 65%, 65%
CMY	0.2470, 0.3529, 0.3530
CMYK	0.00, 0.14, 0.14, 0.25
HSL	0°, 18%, 70%
HSV	0°, 14%, 75%
XYZ	41.9872, 40.8333, 41.2552
YIQ	173.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

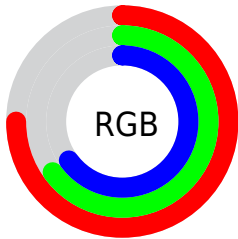
Format	Color
RYB	192, 165, 165
Decimal	12625317
CIELab	70.06, 9.86, 3.66
CIElCh	70, 10.511, 20.348
Yxy	40.8333, 0.3384, 0.3291
Android (android.graphics.Color)	4290815397 (0xFFC0A5A5)
YUV	173.0730, -3.9800, 16.5990
Hunter-Lab	63.9009, 5.4598, 6.4524

Details

The Yxy color $40.8333, 0.3384, 0.3291$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.5036, 0.2915, 0.3289$, and the grayscale version is $41.8441, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.4934, 0.3337, 0.3291$, and $18.4058, 0.3463, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $33.7774, 0.3622, 0.3292$, and if you desaturate by 10%, it is $49.0362, 0.3194, 0.3290$.

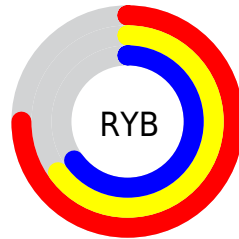
Distribution



Red (75%)

Green (65%)

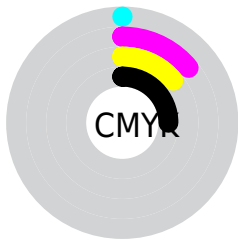
Blue (65%)



Red (75%)

Yellow (65%)

Blue (65%)

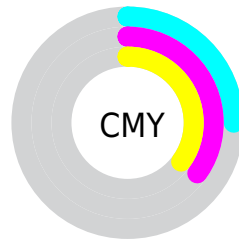


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.8333, 0.3384, 0.3291 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 40.8333, 0.3384, 0.3291 by changing the saturation by 10% instead.


 40.8333, 0.3384,
0.3291


 40.8333, 0.3384,
0.3291


349.6234, 0.3252,
0.3292

 28.1889, 0.3418,
0.3290


 76.4308, 0.3335,
0.3292

 18.4681, 0.3463,
0.3290


 100.1526, 0.3317,
0.3292

 11.2866, 0.3523,
0.3288


128.3356, 0.3302,
0.3292

 6.2599, 0.3610,
0.3285

161.3643, 0.3289,
0.3292

 3.0038, 0.3746,
0.3278

199.6231, 0.3278,
0.3292

 1.1337, 0.3988,
0.3260

243.4962, 0.3268,

 0.0065, 0.9742,

0.3292

0.0258

293.3682, 0.3260,
0.3292

0.0000, 0.0000,
0.0000

40.8333, 0.3384,
0.3291

40.8333, 0.3384,
0.3291

33.7774, 0.3622,
0.3292

49.0362, 0.3194,
0.3290

27.8124, 0.3918,
0.3293

58.4283, 0.3041,
0.3290

22.8854, 0.4278,
0.3294

69.0562, 0.2919,
0.3289

18.9371, 0.4703,
0.3296

80.9625, 0.2820,
0.3289

15.9024, 0.5173,
0.3297

89.9493, 0.2763,
0.3289

■ 13.7080, 0.5643,
0.3298

■ 12.2696, 0.6042,
0.3299

■ 11.4853, 0.6301,
0.3300

■ 11.2125, 0.6400,
0.3300

Harmonies

Analogous

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



40.8333, 0.3267, 0.3164



40.8333, 0.3384, 0.3291



40.8333, 0.3431, 0.3421

Triad

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



40.8333, 0.3384, 0.3291



40.8333, 0.3135, 0.3524



40.8333, 0.2865, 0.3058

Complementary

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



40.8333, 0.3384, 0.3291



49.5036, 0.2915, 0.3289

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.



40.8333, 0.2833, 0.3148



40.8333, 0.3384, 0.3291



40.8333, 0.2986, 0.3421

Square

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



40.8333, 0.3384, 0.3291



40.8333, 0.3285, 0.3560



40.8333, 0.2876, 0.3281



40.8333, 0.2967, 0.3031

Rectangle

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



40.8333, 0.3384, 0.3291



40.8333, 0.3416, 0.3493



40.8333, 0.2876, 0.3281



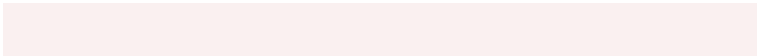
40.8333, 0.2846, 0.3081

Sweetspot

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



40.8351, 0.3384, 0.3291



88.8592, 0.3193, 0.3290



41.9186, 0.3143, 0.2947



18.8051, 0.3206, 0.3290



97.7402, 0.3127, 0.3290



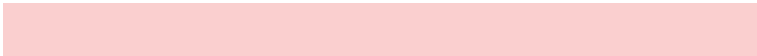
20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.8351, 0.3384, 0.3291



69.6747, 0.3454, 0.3291



45.9654, 0.3359, 0.3466



10.0791, 0.3289, 0.3291



7.5434, 0.6400, 0.3300



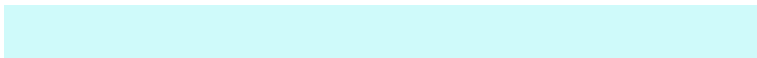
0.3264, 0.6398, 0.3302

Inverse Universe

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



49.5036, 0.2915, 0.3289



88.5104, 0.2870, 0.3289



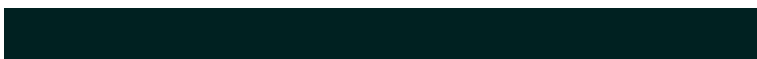
43.8440, 0.2910, 0.3108



11.4271, 0.2985, 0.3289



27.8858, 0.2246, 0.3285



1.2053, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 40.8333, 0.3384, 0.3291 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 40.8333, 0.3384, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

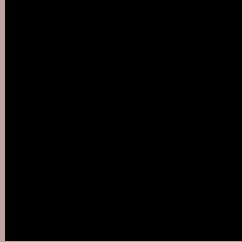
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8333, 0.3384, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 40.8333, 0.3384, 0.3291.



This preview shows how white text looks on a background with the Yxy color 40.8333, 0.3384, 0.3291.

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

40.8333, 0.3384, 0.3291

Protanopia

41.0669, 0.3189, 0.3331

Deuteranopia

40.9362, 0.3363, 0.3304



Tritanopia

40.6664, 0.3296, 0.3122

Trichromacy



Original Color

40.8333, 0.3384, 0.3291

Protanomaly

40.9897, 0.3255, 0.3317

Deuteranomaly

41.0654, 0.3372, 0.3304

Tritanomaly

40.8669, 0.3331, 0.3187

Monochromacy



Original Color

40.8333, 0.3384, 0.3291

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.3550, 0.3219, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8333, 0.3384, 0.3291 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(192, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 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(192, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 165) }
```

Border

The CSS property to change the border of an element to Yxy 40.8333, 0.3384, 0.3291 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(192, 165, 165) }
```

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

```
.border{ border-color:rgb(192, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8333, 0.3384, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 165) }
```

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

```
.background{ background-color: rgb(192,  
165, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor