

Converting Colors

$Y_{xy}(40.7081, 0.3384, 0.3272)$

Have a look what the booklet for
Yxy(40.7081, 0.3384, 0.3272)
contains.

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Color

Yxy(40.6415, 0.3386, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C1A4A6
RGB	193, 164, 166
RGB Percent	76%, 64%, 65%
CMY	0.2432, 0.3568, 0.3491
CMYK	0.00, 0.15, 0.14, 0.24
HSL	356°, 19%, 70%
HSV	356°, 15%, 76%
XYZ	42.1477, 40.6415, 41.6871
YIQ	172.8990, 16.6420, 6.7700

Conversions

Conversions Part 2

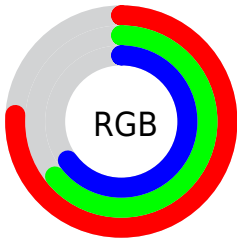
Format	Color
RYB	193, 164, 166
Decimal	12690598
CIELab	69.92, 10.92, 2.92
CIElCh	70, 11.305, 14.964
Yxy	40.6415, 0.3386, 0.3265
Android (android.graphics.Color)	4290880678 (0xFFC1A4A6)
YUV	172.8990, -3.4012, 17.6286
Hunter-Lab	63.7507, 6.4485, 5.8553

Details

The Yxy color $40.6415, 0.3386, 0.3265$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.7940, 0.2915, 0.3315$, and the grayscale version is $41.7463, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.2075, 0.3339, 0.3270$, and $18.2922, 0.3466, 0.3255$ is the 20% darker color. If you saturate the color by 10%, you get $33.6367, 0.3612, 0.3247$, and if you desaturate by 10%, it is $48.7906, 0.3204, 0.3282$.

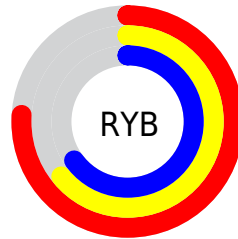
Distribution



Red (76%)

Green (64%)

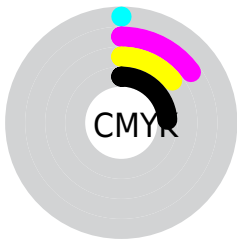
Blue (65%)



Red (76%)

Yellow (64%)

Blue (65%)

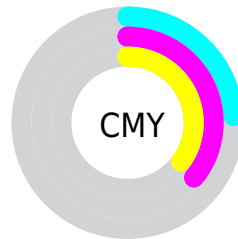


Cyan (0%)

Magenta (15%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6415, 0.3386, 0.3265 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 40.6415, 0.3386, 0.3265 by changing the saturation by 10% instead.


 40.6415, 0.3386,
0.3265


 40.6415, 0.3386,
0.3265


348.8200, 0.3253,
0.3279

 28.0391, 0.3420,
0.3261


 76.1394, 0.3337,
0.3270

 18.3551, 0.3465,
0.3256


 99.8036, 0.3319,
0.3272

 11.2052, 0.3526,
0.3248


127.9239, 0.3303,
0.3274

 6.2051, 0.3614,
0.3237

160.8847, 0.3290,
0.3275

 2.9702, 0.3752,
0.3217

199.0702, 0.3279,
0.3276

 1.1162, 0.3996,
0.3178

242.8651, 0.3269,

 0.0000, 1.0000,

0.3277

0.0000

292.6535, 0.3261,
0.3278

0.0000, 0.0000,
0.0000

40.6415, 0.3386,
0.3265

40.6415, 0.3386,
0.3265

33.6367, 0.3612,
0.3247

48.7906, 0.3204,
0.3282

27.7197, 0.3892,
0.3230

58.1261, 0.3058,
0.3298

22.8377, 0.4233,
0.3213

68.6949, 0.2941,
0.3312

18.9311, 0.4634,
0.3201

80.5395, 0.2846,
0.3325

15.9343, 0.5082,
0.3196

90.0768, 0.2768,
0.3289

■ 13.7739, 0.5539,
0.3203

■ 12.3647, 0.5945,
0.3222

■ 11.6036, 0.6235,
0.3253

■ 11.3661, 0.6332,
0.3262

Harmonies

Analogous

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



40.6415, 0.3249, 0.3133



40.6415, 0.3386, 0.3265



40.6415, 0.3452, 0.3407

Triad

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



40.6415, 0.3386, 0.3265



40.6415, 0.3166, 0.3556



40.6415, 0.2833, 0.3053

Complementary

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



40.6415, 0.3386, 0.3265



49.7940, 0.2915, 0.3315

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.



40.6415, 0.2813, 0.3160



40.6415, 0.3386, 0.3265



40.6415, 0.3002, 0.3455

Square

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



40.6415, 0.3386, 0.3265



40.6415, 0.3323, 0.3580



40.6415, 0.2874, 0.3308



40.6415, 0.2930, 0.3011

Rectangle

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



40.6415, 0.3386, 0.3265



40.6415, 0.3447, 0.3489



40.6415, 0.2874, 0.3308



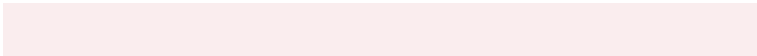
40.6415, 0.2817, 0.3082

Sweetspot

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



40.6433, 0.3386, 0.3265



87.2966, 0.3205, 0.3282



41.4262, 0.3122, 0.2921



18.4917, 0.3217, 0.3281



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.



40.6433, 0.3386, 0.3265



68.4815, 0.3454, 0.3259



45.1021, 0.3381, 0.3447



10.0887, 0.3278, 0.3275



7.5647, 0.6317, 0.3253



0.3307, 0.6025, 0.3092

Inverse Universe

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



40.6433, 0.3386, 0.3265



68.4815, 0.3454, 0.3259



44.7578, 0.2896, 0.3128



10.0887, 0.3278, 0.3275



7.5647, 0.6317, 0.3253



0.3307, 0.6025, 0.3092

Previews

White Background



This preview shows how the Yxy color 40.6415, 0.3386, 0.3265 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 40.6415, 0.3386, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

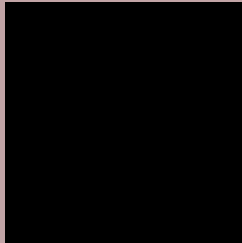
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6415, 0.3386, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 40.6415, 0.3386, 0.3265.



This preview shows how white text looks on a background with the Yxy color 40.6415, 0.3386, 0.3265.

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

40.6415, 0.3386, 0.3265

Protanopia

40.6127, 0.3172, 0.3304

Deuteranopia

40.4823, 0.3346, 0.3277



Tritanopia

40.7589, 0.3314, 0.3135

Trichromacy



Original Color

40.6415, 0.3386, 0.3265

Protanomaly

40.6562, 0.3248, 0.3290

Deuteranomaly

40.6106, 0.3355, 0.3277

Tritanomaly

40.6423, 0.3342, 0.3174

Monochromacy



Original Color

40.6415, 0.3386, 0.3265

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 40.6415, 0.3386, 0.3265 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(193, 164, 166)` looks like.

```
.text, #text, p{  
    color:rgb(193, 164, 166)  
}
```

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(193, 164, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 164, 166) }
```

Border

The CSS property to change the border of an element to Yxy 40.6415, 0.3386, 0.3265 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(193, 164, 166) }
```

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

```
.border{ border-color:rgb(193, 164, 166) }
```

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

Here you see how a box with a 4 pixel rgb(193, 164, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 164, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 164, 166);  
box-shadow:4px 4px 4px 4px rgb(193, 164,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6415, 0.3386, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 164, 166) }
```

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

```
.background{ background-color: rgb(193,  
164, 166) }
```

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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