

Converting Colors

$Yxy(39.9082, 0.3503, 0.3269)$

Have a look what the booklet for
Yxy(39.9082, 0.3503, 0.3269)
contains.

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Color

Yxy(40.0296, 0.3500, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C8A0A2
RGB	200, 160, 162
RGB Percent	78%, 63%, 64%
CMY	0.2157, 0.3725, 0.3646
CMYK	0.00, 0.20, 0.19, 0.22
HSL	357°, 27%, 71%
HSV	357°, 20%, 78%
XYZ	42.9108, 40.0296, 39.6618
YIQ	172.1880, 23.1980, 9.1020

Conversions

Conversions Part 2

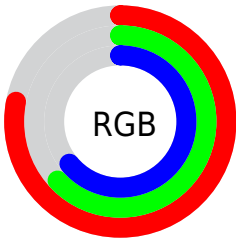
Format	Color
R _Y B	200, 160, 162
Decimal	13148322
CIE Lab	69.49, 15.08, 4.56
CIE LCh	69, 15.752, 16.837
Yxy	40.0296, 0.3500, 0.3265
Android (android.graphics.Color)	4291338402 (0xFFC8A0A2)
YUV	172.1880, -5.0227, 24.3911
Hunter-Lab	63.2689, 10.3430, 7.1208

Details

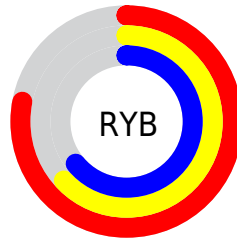
The Yxy color $40.0296, 0.3500, 0.3265$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $52.8510, 0.2844, 0.3316$, and the grayscale version is $41.3734, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.8706, 0.3410, 0.3271$, and $17.8707, 0.3618, 0.3256$ is the 20% darker color. If you saturate the color by 10%, you get $33.0208, 0.3758, 0.3252$, and if you desaturate by 10%, it is $48.2593, 0.3293, 0.3278$.

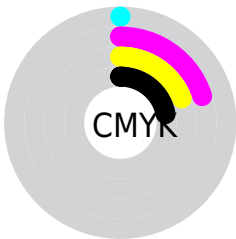
Distribution



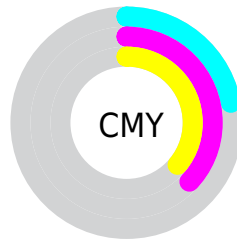
- Red (78%)
- Green (63%)
- Blue (64%)



- Red (78%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (22%)



- Cyan (22%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0296, 0.3500, 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 40.0296, 0.3500, 0.3265 by changing the saturation by 10% instead.


 40.0296, 0.3500,
0.3265


 40.0296, 0.3500,
0.3265

346.2483, 0.3308,
0.3280

 27.5616, 0.3550,
0.3260


 75.2086, 0.3429,
0.3271

 17.9955, 0.3615,
0.3254


 98.6884, 0.3402,
0.3273

 10.9467, 0.3705,
0.3245


126.6076, 0.3380,
0.3275

 6.0310, 0.3833,
0.3229

159.3506, 0.3361,
0.3276

 2.8640, 0.4035,
0.3202

197.3017, 0.3345,
0.3277

 1.0611, 0.4402,
0.3149

240.8455, 0.3331,

 0.0000, 1.0000,

0.3278

0.0000

290.3662, 0.3319,
0.3279

0.0000, 0.0000,
0.0000

40.0296, 0.3500,
0.3265

40.0296, 0.3500,
0.3265

33.0208, 0.3758,
0.3252

48.2593, 0.3293,
0.3278

27.1696, 0.4074,
0.3239

57.7584, 0.3127,
0.3290

22.4155, 0.4455,
0.3229

68.5793, 0.2994,
0.3301

18.6899, 0.4892,
0.3223

80.7701, 0.2886,
0.3311

15.9171, 0.5357,
0.3224

91.0172, 0.2805,
0.3289

■ 14.0103, 0.5798,
0.3235

■ 12.8675, 0.6144,
0.3255

■ 12.2999, 0.6352,
0.3273

■ 12.2994, 0.6353,
0.3273

Harmonies

Analogous

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



40.0296, 0.3311, 0.3082



40.0296, 0.3500, 0.3265



40.0296, 0.3586, 0.3460

Triad

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



40.0296, 0.3500, 0.3265



40.0296, 0.3164, 0.3661



40.0296, 0.2724, 0.2951

Complementary

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



40.0296, 0.3500, 0.3265



52.8510, 0.2844, 0.3316

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.



40.0296, 0.2689, 0.3093



40.0296, 0.3500, 0.3265



40.0296, 0.2938, 0.3511

Square

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



40.0296, 0.3500, 0.3265



40.0296, 0.3387, 0.3699



40.0296, 0.2766, 0.3299



40.0296, 0.2863, 0.2903

Rectangle

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



40.0296, 0.3500, 0.3265



40.0296, 0.3572, 0.3574



40.0296, 0.2766, 0.3299



40.0296, 0.2700, 0.2989

Sweetspot

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



40.0314, 0.3500, 0.3265



89.7232, 0.3224, 0.3283



41.2273, 0.3126, 0.2795



18.9758, 0.3235, 0.3282



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.



40.0314, 0.3500, 0.3265



63.7812, 0.3605, 0.3259



46.3908, 0.3477, 0.3511



10.6455, 0.3282, 0.3279



7.8258, 0.6339, 0.3266



0.3737, 0.6128, 0.3149

Inverse Universe

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



40.0314, 0.3500, 0.3265



63.7812, 0.3605, 0.3259



45.3712, 0.2817, 0.3058



10.6455, 0.3282, 0.3279



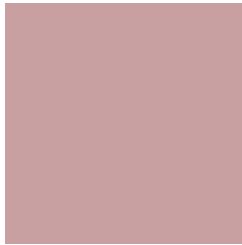
7.8258, 0.6339, 0.3266



0.3737, 0.6128, 0.3149

Previews

White Background



This preview shows how the Yxy color 40.0296, 0.3500, 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 40.0296, 0.3500, 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 40.0296, 0.3500, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 40.0296, 0.3500, 0.3265.



This preview shows how white text looks on a background with the Yxy color 40.0296, 0.3500, 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

40.0296, 0.3500, 0.3265

Protanopia

40.1646, 0.3190, 0.3318

Deuteranopia

40.0713, 0.3403, 0.3331



Tritanopia

40.1541, 0.3426, 0.3138

Trichromacy



Original Color

40.0296, 0.3500, 0.3265

Protanomaly

40.0563, 0.3296, 0.3304

Deuteranomaly

40.2369, 0.3444, 0.3317

Tritanomaly

40.0409, 0.3455, 0.3176

Monochromacy



Original Color

40.0296, 0.3500, 0.3265

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.7775, 0.3257, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0296, 0.3500, 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(200, 160, 162)` looks like.

```
.text, #text, p{  
    color:rgb(200, 160, 162)  
}
```

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(200, 160, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 160, 162) }
```

Border

The CSS property to change the border of an element to Yxy 40.0296, 0.3500, 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(200, 160, 162) }
```

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

```
.border{ border-color:rgb(200, 160, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 160, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 160, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 160, 162);  
box-shadow:4px 4px 4px 4px rgb(200, 160,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0296, 0.3500, 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(200, 160, 162) }
```

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

```
.background{ background-color: rgb(200,  
160, 162) }
```

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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