

Converting Colors

$Y_{xy}(40.4789, 0.3381, 0.3197)$

Have a look what the booklet for
Yxy(40.4789, 0.3381, 0.3197)
contains.

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Color

Yxy(40.4410, 0.3391, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	C4A2A9
RGB	196, 162, 169
RGB Percent	77%, 64%, 66%
CMY	0.2312, 0.3648, 0.3373
CMYK	0.00, 0.17, 0.14, 0.23
HSL	348°, 22%, 70%
HSV	348°, 17%, 77%
XYZ	42.8548, 40.4410, 43.0823
YIQ	172.9640, 18.0170, 9.3850

Conversions

Conversions Part 2

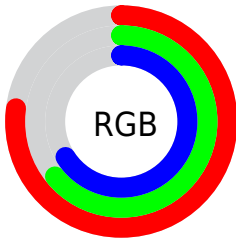
Format	Color
R _Y B	196, 162, 169
Decimal	12886697
CIE Lab	69.78, 13.65, 1.07
CIE LCh	70, 13.694, 4.492
Yxy	40.4410, 0.3391, 0.3200
Android (android.graphics.Color)	4291076777 (0xFFC4A2A9)
YUV	172.9640, -1.9543, 20.2026
Hunter-Lab	63.5932, 9.0011, 4.3483

Details

The Yxy color $40.4410, 0.3391, 0.3200$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $50.8553, 0.2915, 0.3382$, and the grayscale version is $41.7758, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8902, 0.3342, 0.3220$, and $18.1870, 0.3473, 0.3167$ is the 20% darker color. If you saturate the color by 10%, you get $33.5163, 0.3593, 0.3145$, and if you desaturate by 10%, it is $48.5156, 0.3227, 0.3253$.

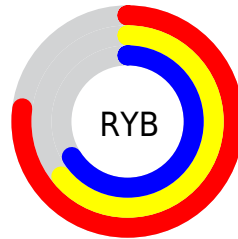
Distribution



Red (77%)

Green (64%)

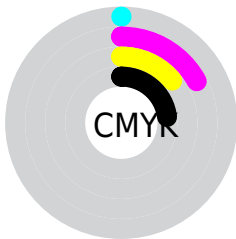
Blue (66%)



Red (77%)

Yellow (64%)

Blue (66%)

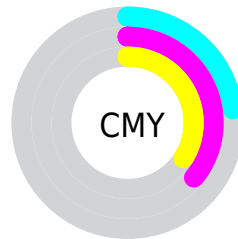


Cyan (0%)

Magenta (17%)

Yellow (14%)

Black (23%)



Cyan (23%)


Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4410, 0.3391, 0.3200 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 40.4410, 0.3391, 0.3200 by changing the saturation by 10% instead.


 40.4410, 0.3391,
0.3200


 40.4410, 0.3391,
0.3200


347.9788, 0.3256,
0.3247

 27.8826, 0.3426,
0.3188


 75.8346, 0.3341,
0.3217

 18.2371, 0.3472,
0.3172


 99.4385, 0.3322,
0.3224

 11.1204, 0.3534,
0.3150


127.4931, 0.3307,
0.3229

 6.1479, 0.3623,
0.3118

160.3826, 0.3294,
0.3234

 2.9352, 0.3762,
0.3069

198.4916, 0.3282,
0.3238

 1.0980, 0.4008,
0.2978

242.2043, 0.3272,

 0.0000, 1.0000,

0.3241

0.0000

291.9053, 0.3263,
0.3244

0.0000, 0.0000,
0.0000

40.4410, 0.3391,
0.3200

40.4410, 0.3391,
0.3200

33.5163, 0.3593,
0.3145

48.5156, 0.3227,
0.3253

27.6840, 0.3840,
0.3089

57.7835, 0.3095,
0.3303

22.8895, 0.4138,
0.3038

68.2925, 0.2988,
0.3348

19.0716, 0.4487,
0.2997

80.0862, 0.2900,
0.3390

16.1627, 0.4879,
0.2975

89.9673, 0.2825,
0.3375

■ 14.0862, 0.5289,
0.2982

■ 90.4816, 0.2784,
0.3289

■ 12.7530, 0.5676,
0.3025

■ 12.0387, 0.5995,
0.3098

■ 11.8972, 0.6068,
0.3116

Harmonies

Analogous

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



40.4410, 0.3205, 0.3055



40.4410, 0.3391, 0.3200



40.4410, 0.3506, 0.3371

Triad

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



40.4410, 0.3391, 0.3200



40.4410, 0.3243, 0.3636



40.4410, 0.2752, 0.3039

Complementary

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



40.4410, 0.3391, 0.3200



50.8553, 0.2915, 0.3382

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.



40.4410, 0.2762, 0.3189



40.4410, 0.3391, 0.3200



40.4410, 0.3041, 0.3544

Square

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



40.4410, 0.3391, 0.3200



40.4410, 0.3418, 0.3628



40.4410, 0.2867, 0.3376



40.4410, 0.2838, 0.2961

Rectangle

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



40.4410, 0.3391, 0.3200



40.4410, 0.3525, 0.3480



40.4410, 0.2867, 0.3376



40.4410, 0.2744, 0.3082

Sweetspot

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



40.4428, 0.3391, 0.3200



91.4981, 0.3195, 0.3265



40.6002, 0.3080, 0.2856



19.3383, 0.3205, 0.3261



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.



40.4428, 0.3391, 0.3200



68.0208, 0.3466, 0.3178



43.7171, 0.3436, 0.3416



10.1111, 0.3257, 0.3243



7.6510, 0.6036, 0.3099



0.3408, 0.5413, 0.2756

Inverse Universe

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



40.4428, 0.3391, 0.3200



68.0208, 0.3466, 0.3178



46.9520, 0.2862, 0.3161



10.1111, 0.3257, 0.3243



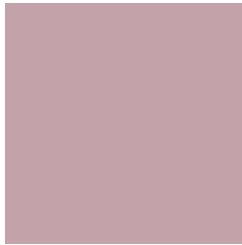
7.6510, 0.6036, 0.3099



0.3408, 0.5413, 0.2756

Previews

White Background



This preview shows how the Yxy color 40.4410, 0.3391, 0.3200 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 40.4410, 0.3391, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

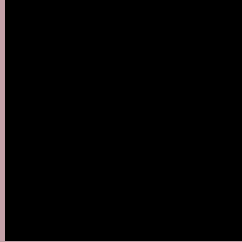
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4410, 0.3391, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 40.4410, 0.3391, 0.3200.



This preview shows how white text looks on a background with the Yxy color 40.4410, 0.3391, 0.3200.

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

40.4410, 0.3391, 0.3200

Protanopia

40.6508, 0.3129, 0.3249

Deuteranopia

40.4288, 0.3318, 0.3251



Tritanopia

40.4160, 0.3355, 0.3124

Trichromacy



Original Color

40.4410, 0.3391, 0.3200

Protanomaly

40.4397, 0.3214, 0.3223

Deuteranomaly

40.4544, 0.3348, 0.3238

Tritanomaly

40.3386, 0.3374, 0.3149

Monochromacy



Original Color

40.4410, 0.3391, 0.3200

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1782, 0.3212, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4410, 0.3391, 0.3200 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(196, 162, 169)` looks like.

```
.text, #text, p{  
    color:rgb(196, 162, 169)  
}
```

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(196, 162, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 162, 169) }
```

Border

The CSS property to change the border of an element to Yxy 40.4410, 0.3391, 0.3200 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(196, 162, 169) }
```

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

```
.border{ border-color:rgb(196, 162, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 162, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 162, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 162, 169);  
box-shadow:4px 4px 4px 4px rgb(196, 162,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4410, 0.3391, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 162, 169) }
```

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

```
.background{ background-color: rgb(196,  
162, 169) }
```

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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