

Converting Colors

$Yxy(40.6434, 0.3479, 0.3273)$

Have a look what the booklet for
Yxy(40.6434, 0.3479, 0.3273)
contains.

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Color

Yxy(40.6271, 0.3476, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C7A2A3
RGB	199, 162, 163
RGB Percent	78%, 64%, 64%
CMY	0.2197, 0.3647, 0.3607
CMYK	0.00, 0.19, 0.18, 0.22
HSL	358°, 25%, 71%
HSV	358°, 19%, 78%
XYZ	43.0811, 40.6271, 40.2305
YIQ	173.1770, 21.7310, 8.1550

Conversions

Conversions Part 2

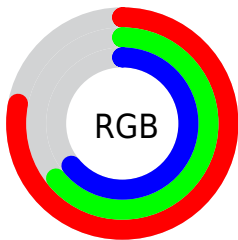
Format	Color
R_{YB}	199, 162, 163
Decimal	13083299
CIE _{Lab}	69.91, 13.76, 4.61
CIE _{LCh}	70, 14.512, 18.534
Yxy	40.6271, 0.3476, 0.3278
Android (android.graphics.Color)	4291273379 (0xFFC7A2A3)
YUV	173.1770, -5.0173, 22.6468
Hunter-Lab	63.7394, 9.1032, 7.1954

Details

The Yxy color $40.6271, 0.3476, 0.3278$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $52.5947, 0.2858, 0.3302$, and the grayscale version is $41.9025, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.9477, 0.3400, 0.3281$, and $18.3193, 0.3596, 0.3274$ is the 20% darker color. If you saturate the color by 10%, you get $33.5224, 0.3732, 0.3271$, and if you desaturate by 10%, it is $48.9508, 0.3270, 0.3285$.

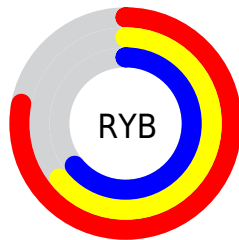
Distribution



Red (78%)

Green (64%)

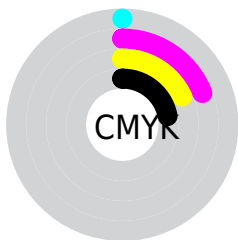
Blue (64%)



Red (78%)

Yellow (64%)

Blue (64%)

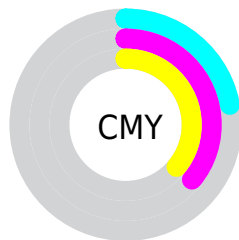


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (22%)



Cyan (22%)


Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.6271, 0.3476, 0.3278 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 40.6271, 0.3476, 0.3278 by changing the saturation by 10% instead.


 40.6271, 0.3476,
0.3278

 40.6271, 0.3476,
0.3278


348.7597, 0.3297,
0.3286

 28.0278, 0.3522,
0.3275


 76.1175, 0.3410,
0.3281

 18.3466, 0.3583,
0.3271


 99.7774, 0.3385,
0.3283

 11.1991, 0.3666,
0.3265


127.8930, 0.3364,
0.3284

 6.2009, 0.3785,
0.3255

160.8486, 0.3347,
0.3284

 2.9676, 0.3971,
0.3236

199.0287, 0.3332,
0.3285

 1.1149, 0.4304,
0.3196

242.8177, 0.3318,

 0.0000, 1.0000,

0.3285

0.0000

292.5998, 0.3307,
0.3286

0.0000, 0.0000,
0.0000

40.6271, 0.3476,
0.3278

40.6271, 0.3476,
0.3278

33.5224, 0.3732,
0.3271

48.9508, 0.3270,
0.3285

27.5744, 0.4048,
0.3265

58.5412, 0.3106,
0.3291

22.7235, 0.4429,
0.3260

69.4500, 0.2974,
0.3297

18.9027, 0.4869,
0.3257

81.7245, 0.2868,
0.3302

16.0377, 0.5340,
0.3258

90.8790, 0.2800,
0.3289

■ 14.0440, 0.5789,
0.3264

■ 12.8226, 0.6143,
0.3275

■ 12.2183, 0.6352,
0.3285

■ 12.1509, 0.6374,
0.3285

Harmonies

Analogous

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



40.6271, 0.3307, 0.3108



40.6271, 0.3476, 0.3278



40.6271, 0.3548, 0.3457

Triad

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



40.6271, 0.3476, 0.3278



40.6271, 0.3150, 0.3624



40.6271, 0.2762, 0.2974

Complementary

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



40.6271, 0.3476, 0.3278



52.5947, 0.2858, 0.3302

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.



40.6271, 0.2724, 0.3101



40.6271, 0.3476, 0.3278



40.6271, 0.2943, 0.3482

Square

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



40.6271, 0.3476, 0.3278



40.6271, 0.3355, 0.3666



40.6271, 0.2789, 0.3287



40.6271, 0.2895, 0.2934

Rectangle

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



40.6271, 0.3476, 0.3278



40.6271, 0.3531, 0.3560



40.6271, 0.2789, 0.3287



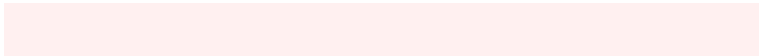
40.6271, 0.2737, 0.3008

Sweetspot

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



40.6289, 0.3476, 0.3278



89.7019, 0.3226, 0.3286



41.9385, 0.3137, 0.2833



18.9708, 0.3238, 0.3286



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.



40.6289, 0.3476, 0.3278



66.2511, 0.3565, 0.3276



47.0935, 0.3446, 0.3510



10.6415, 0.3285, 0.3284



7.8174, 0.6367, 0.3281



0.3718, 0.6250, 0.3217

Inverse Universe

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



40.6289, 0.3476, 0.3278



66.2511, 0.3565, 0.3276



45.1491, 0.2838, 0.3060



10.6415, 0.3285, 0.3284



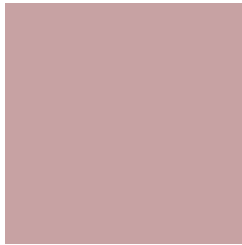
7.8174, 0.6367, 0.3281



0.3718, 0.6250, 0.3217

Previews

White Background



This preview shows how the Yxy color 40.6271, 0.3476, 0.3278 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 40.6271, 0.3476, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

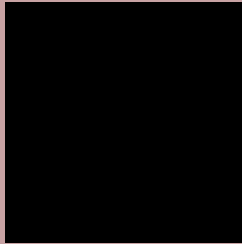
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6271, 0.3476, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 40.6271, 0.3476, 0.3278.



This preview shows how white text looks on a background with the Yxy color 40.6271, 0.3476, 0.3278.

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

40.6271, 0.3476, 0.3278

Protanopia

40.6906, 0.3190, 0.3318

Deuteranopia

40.5953, 0.3402, 0.3330



Tritanopia

40.4381, 0.3395, 0.3125

Trichromacy



Original Color

40.6271, 0.3476, 0.3278

Protanomaly

40.5810, 0.3295, 0.3304

Deuteranomaly

40.6289, 0.3433, 0.3317

Tritanomaly

40.6337, 0.3431, 0.3189

Monochromacy



Original Color

40.6271, 0.3476, 0.3278

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1856, 0.3247, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6271, 0.3476, 0.3278 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(199, 162, 163)` looks like.

```
.text, #text, p{  
    color:rgb(199, 162, 163)  
}
```

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(199, 162, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 162, 163) }
```

Border

The CSS property to change the border of an element to Yxy 40.6271, 0.3476, 0.3278 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(199, 162, 163) }
```

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

```
.border{ border-color:rgb(199, 162, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 162, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 162, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 162, 163);  
box-shadow:4px 4px 4px 4px rgb(199, 162,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6271, 0.3476, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 162, 163) }
```

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

```
.background{ background-color: rgb(199,  
162, 163) }
```

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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