

Converting Colors

$Y_{xy}(41.5166, 0.3156, 0.2877)$

Have a look what the booklet for
Yxy(41.5166, 0.3156, 0.2877)
contains.

Yxy(41.5166, 0.3156, 0.2877)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.5166, 0.3156, 0.2877)

Conversions

Conversions Part 1

Format	Color
Hex	C4A2C3
RGB	196, 162, 195
RGB Percent	77%, 64%, 76%
CMY	0.2312, 0.3647, 0.2353
CMYK	0.00, 0.17, 0.01, 0.23
HSL	302°, 22%, 70%
HSV	302°, 17%, 77%
XYZ	45.5427, 41.5166, 57.2459
YIQ	175.9280, 9.6710, 17.4710

Conversions

Conversions Part 2

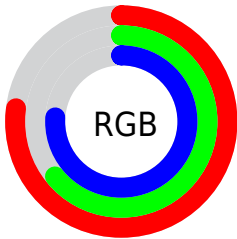
Format	Color
R _Y B	196, 162, 195
Decimal	12886723
CIE Lab	70.54, 18.26, -12.22
CIE LCh	71, 21.969, 326.205
Yxy	41.5166, 0.3156, 0.2877
Android (android.graphics.Color)	4291076803 (0xFFC4A2C3)
YUV	175.9280, 9.4025, 17.6031
Hunter-Lab	64.4334, 13.4087, -7.5729

Details

The Yxy color $41.5166, 0.3156, 0.2877$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $49.8214, 0.3098, 0.3741$, and the grayscale version is $43.3255, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5366, 0.3150, 0.2947$, and $18.8257, 0.3165, 0.2766$ is the 20% darker color. If you saturate the color by 10%, you get $35.1156, 0.3174, 0.2636$, and if you desaturate by 10%, it is $48.9979, 0.3139, 0.3117$.

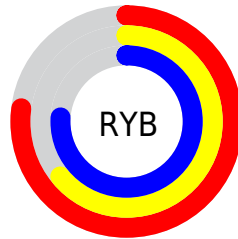
Distribution



Red (77%)

Green (64%)

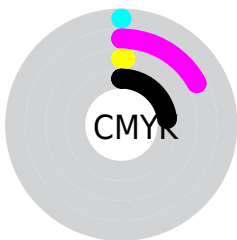
Blue (76%)



Red (77%)

Yellow (64%)

Blue (76%)

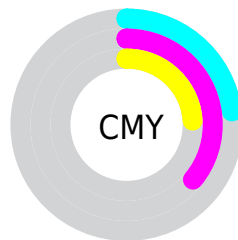


Cyan (0%)

Magenta (17%)

Yellow (1%)

Black (23%)



Cyan (23%)


Magenta (36%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5166, 0.3156, 0.2877 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 41.5166, 0.3156, 0.2877 by changing the saturation by 10% instead.

 41.5166, 0.3156,
0.2877


 41.5166, 0.3156,
0.2877

352.4751, 0.3144,
0.3081

 28.7230, 0.3158,
0.2827


 77.4675, 0.3152,
0.2950

 18.8714, 0.3161,
0.2763


 101.3935, 0.3151,
0.2978

 11.5774, 0.3163,
0.2679


129.7992, 0.3149,
0.3002

 6.4566, 0.3165,
0.2564

163.0688, 0.3148,
0.3022

 3.1247, 0.3164,
0.2396

201.5868, 0.3147,
0.3040

 1.1972, 0.3155,
0.2129

245.7376, 0.3146,


 0.0594, 0.3392,


0.3055


0.0401


295.9056, 0.3145,
0.3069

 0.0000, 0.0000,
0.0000


 41.5166, 0.3156,
0.2877


 41.5166, 0.3156,
0.2877


 35.1156, 0.3174,
0.2636


 48.9979, 0.3139,
0.3117


 29.7398, 0.3193,
0.2401


 57.6005, 0.3123,
0.3350

 25.3373, 0.3211,
0.2182

 67.3701, 0.3109,
0.3572

 21.8496, 0.3229,
0.1988

 78.3481, 0.3096,
0.3779

 19.2119, 0.3246,
0.1827

 87.3364, 0.3086,
0.3922

■ 17.3509, 0.3261,
0.1707

■ 87.3638, 0.3083,
0.3915

■ 16.1811, 0.3273,
0.1629

■ 87.3913, 0.3079,
0.3908

■ 15.5818, 0.3284,
0.1591

■ 87.4189, 0.3076,
0.3901

■ 15.4629, 0.3286,
0.1584

■ 87.4467, 0.3073,
0.3894

Harmonies

Analogous

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



41.5166, 0.2846, 0.2773



41.5166, 0.3156, 0.2877



41.5166, 0.3472, 0.3078

Triad

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



41.5166, 0.3156, 0.2877



41.5166, 0.3646, 0.3791



41.5166, 0.2586, 0.3202

Complementary

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



41.5166, 0.3156, 0.2877



49.8214, 0.3098, 0.3741

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.



41.5166, 0.2781, 0.3509



41.5166, 0.3156, 0.2877



41.5166, 0.3391, 0.3861

Square

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



41.5166, 0.3156, 0.2877



41.5166, 0.3762, 0.3593



41.5166, 0.3074, 0.3759



41.5166, 0.2530, 0.2942

Rectangle

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



41.5166, 0.3156, 0.2877



41.5166, 0.3638, 0.3246



41.5166, 0.3074, 0.3759



41.5166, 0.2637, 0.3304

Sweetspot

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



41.5184, 0.3156, 0.2877



92.1084, 0.3135, 0.3172



37.5646, 0.2850, 0.2825



19.4867, 0.3136, 0.3155



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.



41.5184, 0.3156, 0.2877



70.3595, 0.3163, 0.2781



40.8103, 0.3303, 0.3080



10.2421, 0.3142, 0.3070



9.9340, 0.3285, 0.1583



0.4309, 0.3267, 0.1573

Inverse Universe

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



41.5184, 0.3156, 0.2877



70.3595, 0.3163, 0.2781



50.4546, 0.2981, 0.3510



10.2421, 0.3142, 0.3070



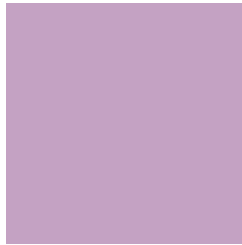
9.9340, 0.3285, 0.1583



0.4309, 0.3267, 0.1573

Previews

White Background



This preview shows how the Yxy color 41.5166, 0.3156, 0.2877 looks on a white background.

Color Contrast Check

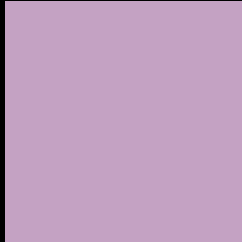
Large Text (above 18pt) WCAG AA × Fail

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 41.5166, 0.3156, 0.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

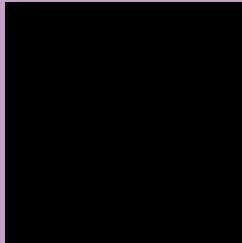
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5166, 0.3156, 0.2877

Background



This preview shows how black text looks on a background with the Yxy color 41.5166, 0.3156, 0.2877.



This preview shows how white text looks on a background with the Yxy color 41.5166, 0.3156, 0.2877.

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

41.5166, 0.3156, 0.2877

Protanopia

41.5584, 0.2856, 0.2892

Deuteranopia

41.6036, 0.3019, 0.2951



Tritanopia

41.5940, 0.3284, 0.3123

Trichromacy



Original Color

41.5166, 0.3156, 0.2877

Protanomaly

41.5938, 0.2962, 0.2887

Deuteranomaly

41.6066, 0.3072, 0.2930

Tritanomaly

41.6137, 0.3241, 0.3036

Monochromacy



Original Color

41.5166, 0.3156, 0.2877

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.6120, 0.3135, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5166, 0.3156, 0.2877 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(196, 162, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 162, 195) }
```

Border

The CSS property to change the border of an element to Yxy 41.5166, 0.3156, 0.2877 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, 195) }
```

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

```
.border{ border-color:rgb(196, 162, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 162, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 162, 195);  
box-shadow:4px 4px 4px 4px rgb(196, 162,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5166, 0.3156, 0.2877 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, 195) }
```

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

```
.background{ background-color: rgb(196,  
162, 195) }
```

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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