

Converting Colors

$Y_{xy}(41.8687, 0.3163, 0.2875)$

Have a look what the booklet for
Yxy(41.8687, 0.3163, 0.2875)
contains.

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Color

Yxy(41.6965, 0.3156, 0.2867)

Conversions

Conversions Part 1

Format	Color
Hex	C5A2C4
RGB	197, 162, 196
RGB Percent	77%, 64%, 77%
CMY	0.2276, 0.3646, 0.2315
CMYK	0.00, 0.18, 0.00, 0.23
HSL	302°, 23%, 70%
HSV	302°, 18%, 77%
XYZ	45.8996, 41.6965, 57.8399
YIQ	176.3410, 9.9460, 17.9940

Conversions

Conversions Part 2

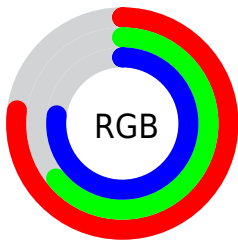
Format	Color
R_{YB}	197, 162, 196
Decimal	12952260
CIE _{Lab}	70.66, 18.74, -12.56
CIE _{LCh}	71, 22.559, 326.165
Yxy	41.6965, 0.3156, 0.2867
Android (android.graphics.Color)	4291142340 (0xFFC5A2C4)
YUV	176.3410, 9.6919, 18.1179
Hunter-Lab	64.5728, 13.8788, -7.9069

Details

The Yxy color $41.6965, 0.3156, 0.2867$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $50.2419, 0.3098, 0.3753$, and the grayscale version is $43.5466, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.7884, 0.3151, 0.2938$, and $18.9445, 0.3165, 0.2752$ is the 20% darker color. If you saturate the color by 10%, you get $35.2679, 0.3174, 0.2625$, and if you desaturate by 10%, it is $49.2156, 0.3139, 0.3108$.

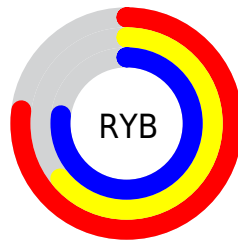
Distribution



Red (77%)

Green (64%)

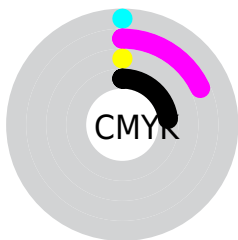
Blue (77%)



Red (77%)

Yellow (64%)

Blue (77%)

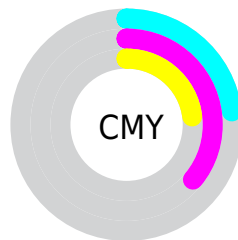


Cyan (0%)

Magenta (18%)

Yellow (0%)

Black (23%)



Cyan (23%)


Magenta (36%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6965, 0.3156, 0.2867 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 41.6965, 0.3156, 0.2867 by changing the saturation by 10% instead.

 41.6965, 0.3156,
0.2867

 41.6965, 0.3156,
0.2867


353.2233, 0.3144,
0.3075

 28.8637, 0.3158,
0.2816


 77.7401, 0.3152,
0.2942

 18.9778, 0.3160,
0.2751


 101.7197, 0.3151,
0.2970

 11.6542, 0.3163,
0.2666


130.1837, 0.3149,
0.2994

 6.5087, 0.3164,
0.2548

163.5164, 0.3148,
0.3015

 3.1568, 0.3163,
0.2378

202.1024, 0.3147,
0.3033

 1.2141, 0.3153,
0.2108

246.3259, 0.3146,

 0.0732, 0.3382,

0.3049

0.0470

296.5714, 0.3145,
0.3063

0.0000, 0.0000,
0.0000

41.6965, 0.3156,
0.2867

41.6965, 0.3156,
0.2867

35.2679, 0.3174,
0.2625

49.2156, 0.3139,
0.3108

29.8739, 0.3192,
0.2390

57.8670, 0.3124,
0.3342

25.4620, 0.3210,
0.2172

67.6969, 0.3109,
0.3565

21.9727, 0.3227,
0.1978

78.7471, 0.3097,
0.3773

19.3402, 0.3243,
0.1819

87.4961, 0.3087,
0.3912

■ 17.4900, 0.3257,
0.1700

■ 87.5218, 0.3084,
0.3905

■ 16.3349, 0.3269,
0.1624

■ 87.5476, 0.3081,
0.3899

■ 15.7476, 0.3279,
0.1587

■ 87.5734, 0.3078,
0.3893

■ 15.6453, 0.3281,
0.1581

■ 87.5994, 0.3075,
0.3886

Harmonies

Analogous

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



41.6965, 0.2839, 0.2760



41.6965, 0.3156, 0.2867



41.6965, 0.3480, 0.3072

Triad

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



41.6965, 0.3156, 0.2867



41.6965, 0.3659, 0.3803



41.6965, 0.2573, 0.3200

Complementary

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



41.6965, 0.3156, 0.2867



50.2419, 0.3098, 0.3753

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.



41.6965, 0.2773, 0.3515



41.6965, 0.3156, 0.2867



41.6965, 0.3397, 0.3876

Square

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



41.6965, 0.3156, 0.2867



41.6965, 0.3778, 0.3600



41.6965, 0.3072, 0.3772



41.6965, 0.2516, 0.2933

Rectangle

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



41.6965, 0.3156, 0.2867



41.6965, 0.3651, 0.3244



41.6965, 0.3072, 0.3772



41.6965, 0.2625, 0.3304

Sweetspot

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



41.6983, 0.3156, 0.2867



92.1102, 0.3135, 0.3171



37.6235, 0.2844, 0.2814



19.4872, 0.3136, 0.3154



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.



41.6983, 0.3156, 0.2867



70.3670, 0.3162, 0.2780



40.9648, 0.3308, 0.3075



10.8113, 0.3142, 0.3069



10.2977, 0.3280, 0.1580



0.4893, 0.3264, 0.1572

Inverse Universe

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



41.6983, 0.3156, 0.2867



70.3670, 0.3162, 0.2780



50.8956, 0.2978, 0.3516



10.8113, 0.3142, 0.3069



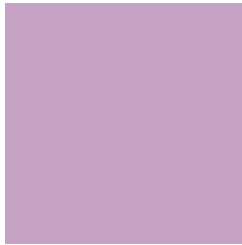
10.2977, 0.3280, 0.1580



0.4893, 0.3264, 0.1572

Previews

White Background



This preview shows how the Yxy color 41.6965, 0.3156, 0.2867 looks on a white background.

Color Contrast Check

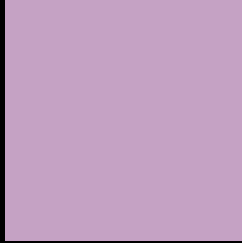
Large Text (above 18pt) WCAG AA × Fail

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 41.6965, 0.3156, 0.2867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

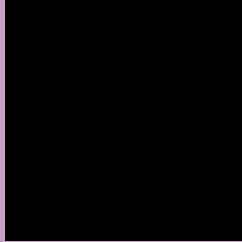
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6965, 0.3156, 0.2867

Background



This preview shows how black text looks on a background with the Yxy color 41.6965, 0.3156, 0.2867.



This preview shows how white text looks on a background with the Yxy color 41.6965, 0.3156, 0.2867.

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

41.6965, 0.3156, 0.2867

Protanopia

41.9848, 0.2849, 0.2893

Deuteranopia

42.0194, 0.3011, 0.2952



Tritanopia

41.5940, 0.3284, 0.3123

Trichromacy



Original Color

41.6965, 0.3156, 0.2867

Protanomaly

41.6404, 0.2954, 0.2875

Deuteranomaly

41.6517, 0.3064, 0.2918

Tritanomaly

41.6558, 0.3232, 0.3023

Monochromacy



Original Color

41.6965, 0.3156, 0.2867

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.7351, 0.3143, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6965, 0.3156, 0.2867 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(197, 162, 196)` looks like.

```
.text, #text, p{  
    color:rgb(197, 162, 196)  
}
```

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(197, 162, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 162, 196) }
```

Border

The CSS property to change the border of an element to Yxy 41.6965, 0.3156, 0.2867 is called "border". The border property can be set on classes, ids or directly on the HTML element.

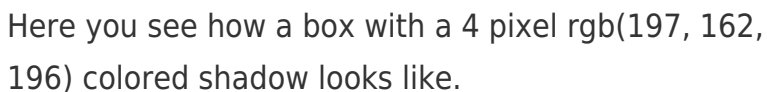
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 162, 196) }
```

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

```
.border{ border-color:rgb(197, 162, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 162, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 162, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 162, 196); box-shadow:4px 4px 4px 4px rgb(197, 162, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6965, 0.3156, 0.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 162, 196) }
```

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

```
.background{ background-color: rgb(197,  
162, 196) }
```

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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