

Converting Colors

$Y_{xy}(41.4858, 0.3223, 0.3055)$

Have a look what the booklet for
Yxy(41.4858, 0.3223, 0.3055)
contains.

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Color

Yxy(41.5356, 0.3221, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	C0A5B7
RGB	192, 165, 183
RGB Percent	75%, 65%, 72%
CMY	0.2472, 0.3529, 0.2824
CMYK	0.00, 0.14, 0.05, 0.25
HSL	320°, 18%, 70%
HSV	320°, 14%, 75%
XYZ	43.7353, 41.5356, 50.5108
YIQ	175.1250, 10.3140, 11.3220

Conversions

Conversions Part 2

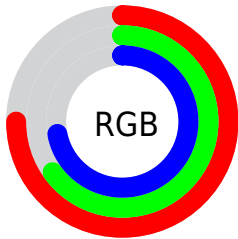
Format	Color
R _Y B	192, 165, 183
Decimal	12625335
CIE Lab	70.55, 12.95, -5.60
CIE LCh	71, 14.113, 336.619
Yxy	41.5356, 0.3221, 0.3059
Android (android.graphics.Color)	4290815415 (0xFFC0A5B7)
YUV	175.1250, 3.8824, 14.7994
Hunter-Lab	64.4481, 8.3480, -1.3544

Details

The Yxy color **41.5356, 0.3221, 0.3059** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7441, 0.3044, 0.3533**, and the grayscale version is **42.9129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5581, 0.3207, 0.3100**, and **18.8252, 0.3245, 0.2992** is the 20% darker color. If you saturate the color by 10%, you get **34.8632, 0.3302, 0.2887**, and if you desaturate by 10%, it is **49.2632, 0.3152, 0.3225**.

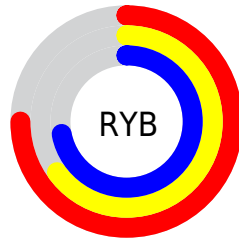
Distribution



Red (75%)

Green (65%)

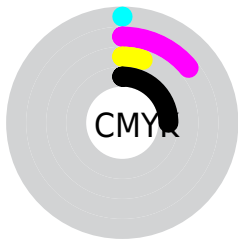
Blue (72%)



Red (75%)

Yellow (65%)

Blue (72%)

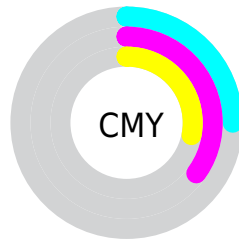


Cyan (0%)

Magenta (14%)

Yellow (5%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5356, 0.3221, 0.3059 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 41.5356, 0.3221, 0.3059 by changing the saturation by 10% instead.


 41.5356, 0.3221,
0.3059

 41.5356, 0.3221,
0.3059


352.5542, 0.3174,
0.3175

 28.7378, 0.3233,
0.3030


 77.4963, 0.3204,
0.3101

 18.8826, 0.3248,
0.2993


 101.4280, 0.3198,
0.3117

 11.5855, 0.3268,
0.2943


129.8398, 0.3192,
0.3130

 6.4621, 0.3295,
0.2874

163.1161, 0.3188,
0.3142

 3.1280, 0.3337,
0.2770

201.6413, 0.3184,
0.3152

 1.1989, 0.3405,
0.2597

245.7998, 0.3180,

 0.0608, 0.4190,

0.3160

0.0682

295.9760, 0.3177,
0.3168

0.0000, 0.0000,
0.0000

41.5356, 0.3221,
0.3059

41.5356, 0.3221,
0.3059

34.8632, 0.3302,
0.2887

49.2632, 0.3152,
0.3225

29.1943, 0.3397,
0.2713

58.0840, 0.3094,
0.3383

24.4808, 0.3506,
0.2545

68.0408, 0.3045,
0.3530

20.6688, 0.3627,
0.2390

79.1725, 0.3004,
0.3666

17.6985, 0.3761,
0.2260

87.6269, 0.2970,
0.3731

■ 15.5035, 0.3902,
0.2165

■ 87.9618, 0.2936,
0.3658

■ 14.0066, 0.4047,
0.2114

■ 88.3097, 0.2902,
0.3586

■ 13.1150, 0.4191,
0.2113

■ 88.6707, 0.2868,
0.3515

■ 12.7633, 0.4275,
0.2129

■ 89.0449, 0.2835,
0.3445

Harmonies

Analogous

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



41.5356, 0.3014, 0.2965



41.5356, 0.3221, 0.3059



41.5356, 0.3408, 0.3210

Triad

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



41.5356, 0.3221, 0.3059



41.5356, 0.3414, 0.3639



41.5356, 0.2751, 0.3174

Complementary

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



41.5356, 0.3221, 0.3059



48.7441, 0.3044, 0.3533

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.



41.5356, 0.2851, 0.3365



41.5356, 0.3221, 0.3059



41.5356, 0.3231, 0.3641

Square

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



41.5356, 0.3221, 0.3059



41.5356, 0.3521, 0.3542



41.5356, 0.3025, 0.3539



41.5356, 0.2747, 0.3025

Rectangle

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



41.5356, 0.3221, 0.3059



41.5356, 0.3493, 0.3326



41.5356, 0.3025, 0.3539



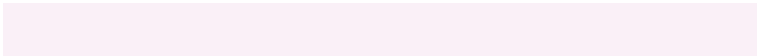
41.5356, 0.2774, 0.3236

Sweetspot

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



41.5374, 0.3221, 0.3059



89.2582, 0.3152, 0.3225



39.6674, 0.2979, 0.2930



18.9060, 0.3157, 0.3213



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.5374, 0.3221, 0.3059



71.1756, 0.3246, 0.3004



41.0192, 0.3338, 0.3226



10.1887, 0.3187, 0.3138



8.6059, 0.4258, 0.2120



0.3842, 0.3969, 0.1960

Inverse Universe

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



41.5374, 0.3221, 0.3059



71.1756, 0.3246, 0.3004



49.2778, 0.2951, 0.3355



10.1887, 0.3187, 0.3138



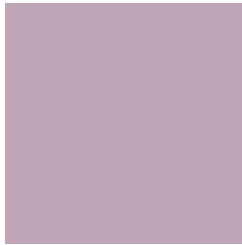
8.6059, 0.4258, 0.2120



0.3842, 0.3969, 0.1960

Previews

White Background



This preview shows how the Yxy color 41.5356, 0.3221, 0.3059 looks on a white background.

Color Contrast Check

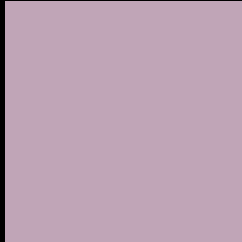
Large Text (above 18pt) WCAG AA × Fail

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 41.5356, 0.3221, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

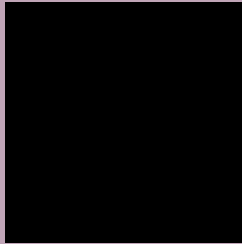
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5356, 0.3221, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 41.5356, 0.3221, 0.3059.



This preview shows how white text looks on a background with the Yxy color 41.5356, 0.3221, 0.3059.

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

41.5356, 0.3221, 0.3059

Protanopia

41.8636, 0.3005, 0.3089

Deuteranopia

41.6970, 0.3163, 0.3107



Tritanopia

41.6035, 0.3246, 0.3122

Trichromacy



Original Color

41.5356, 0.3221, 0.3059

Protanomaly

41.5048, 0.3075, 0.3065

Deuteranomaly

41.7062, 0.3191, 0.3095

Tritanomaly

41.6441, 0.3237, 0.3109

Monochromacy



Original Color

41.5356, 0.3221, 0.3059

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1639, 0.3159, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5356, 0.3221, 0.3059 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(192, 165, 183)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 183)  
}
```

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(192, 165, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 183) }
```

Border

The CSS property to change the border of an element to Yxy 41.5356, 0.3221, 0.3059 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(192, 165, 183) }
```

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

```
.border{ border-color:rgb(192, 165, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 183);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5356, 0.3221, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 183) }
```

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

```
.background{ background-color: rgb(192,  
165, 183) }
```

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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