

Converting Colors

$Y_{xy}(42.1875, 0.3240, 0.2863)$

Have a look what the booklet for
Yxy(42.1875, 0.3240, 0.2863)
contains.

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Color

Yxy(42.0609, 0.3240, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	CDA0C3
RGB	205, 160, 195
RGB Percent	80%, 63%, 76%
CMY	0.1961, 0.3725, 0.2352
CMYK	0.00, 0.22, 0.05, 0.20
HSL	313°, 31%, 72%
HSV	313°, 22%, 80%
XYZ	47.5995, 42.0609, 57.2516
YIQ	177.4450, 15.5850, 20.4250

Conversions

Conversions Part 2

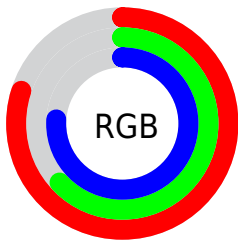
Format	Color
R_{YB}	205, 160, 195
Decimal	13476035
CIE _{Lab}	70.91, 22.44, -11.58
CIE _{LCh}	71, 25.247, 332.710
Yxy	42.0609, 0.3240, 0.2863
Android (android.graphics.Color)	4291666115 (0xFFCDA0C3)
YUV	177.4450, 8.6546, 24.1657
Hunter-Lab	64.8544, 17.5139, -6.9415

Details

The Yxy color $42.0609, 0.3240, 0.2863$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $54.0378, 0.3031, 0.3759$, and the grayscale version is $44.1614, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.8892, 0.3165, 0.2928$, and $19.1322, 0.3270, 0.2750$ is the 20% darker color. If you saturate the color by 10%, you get $35.3288, 0.3304, 0.2663$, and if you desaturate by 10%, it is $49.9749, 0.3184, 0.3062$.

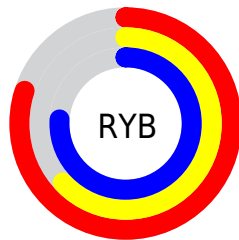
Distribution



Red (80%)

Green (63%)

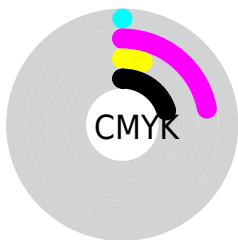
Blue (76%)



Red (80%)

Yellow (63%)

Blue (76%)

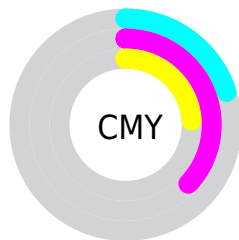


Cyan (0%)

Magenta (22%)

Yellow (5%)

Black (20%)



Cyan (20%)


Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0609, 0.3240, 0.2863 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 42.0609, 0.3240, 0.2863 by changing the saturation by 10% instead.


 42.0609, 0.3240,
0.2863


 42.0609, 0.3240,
0.2863


354.7353, 0.3186,
0.3073

 29.1490, 0.3253,
0.2812


 78.2918, 0.3221,
0.2938

 19.1936, 0.3269,
0.2747


 102.3795, 0.3214,
0.2967

 11.8102, 0.3289,
0.2662

130.9614, 0.3207,
0.2991

 6.6146, 0.3316,
0.2545

164.4217, 0.3202,
0.3012

 3.2223, 0.3354,
0.2376

203.1448, 0.3197,
0.3030

 1.2488, 0.3409,
0.2110

247.5152, 0.3193,

 0.1011, 0.3868,

0.3046

0.0607

297.9172, 0.3189,
0.3060

0.0000, 0.0000,
0.0000

42.0609, 0.3240,
0.2863

42.0609, 0.3240,
0.2863

35.3288, 0.3304,
0.2663

49.9749, 0.3184,
0.3062

29.7156, 0.3376,
0.2469

59.1187, 0.3136,
0.3254

25.1608, 0.3455,
0.2289

69.5444, 0.3094,
0.3436

21.5961, 0.3539,
0.2134

81.2994, 0.3060,
0.3607

18.9451, 0.3627,
0.2013

89.5480, 0.3031,
0.3690

■ 17.1201, 0.3716,
0.1935

■ 89.7889, 0.3006,
0.3640

■ 16.0162, 0.3802,
0.1903

■ 90.0364, 0.2982,
0.3590

■ 15.5011, 0.3869,
0.1905

■ 90.2906, 0.2957,
0.3540

■ 90.5514, 0.2932,
0.3491

Harmonies

Analogous

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



42.0609, 0.2876, 0.2718



42.0609, 0.3240, 0.2863



42.0609, 0.3590, 0.3107

Triad

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



42.0609, 0.3240, 0.2863



42.0609, 0.3666, 0.3894



42.0609, 0.2484, 0.3113

Complementary

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



42.0609, 0.3240, 0.2863



54.0378, 0.3031, 0.3759

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.



42.0609, 0.2672, 0.3465



42.0609, 0.3240, 0.2863



42.0609, 0.3350, 0.3939

Square

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



42.0609, 0.3240, 0.2863



42.0609, 0.3842, 0.3689



42.0609, 0.2985, 0.3780



42.0609, 0.2458, 0.2841

Rectangle

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



42.0609, 0.3240, 0.2863



42.0609, 0.3760, 0.3302



42.0609, 0.2985, 0.3780



42.0609, 0.2529, 0.3226

Sweetspot

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



42.0628, 0.3240, 0.2863



88.8829, 0.3160, 0.3156



38.0688, 0.2841, 0.2697



18.8299, 0.3163, 0.3144



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.



42.0628, 0.3240, 0.2863



63.8352, 0.3267, 0.2775



41.1292, 0.3446, 0.3131



11.3595, 0.3171, 0.3111



9.6648, 0.3858, 0.1899



0.5094, 0.3707, 0.1816

Inverse Universe

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



42.0628, 0.3240, 0.2863



63.8352, 0.3267, 0.2775



54.9532, 0.2884, 0.3456



11.3595, 0.3171, 0.3111



9.6648, 0.3858, 0.1899



0.5094, 0.3707, 0.1816

Previews

White Background



This preview shows how the Yxy color 42.0609, 0.3240, 0.2863 looks on a white background.

Color Contrast Check

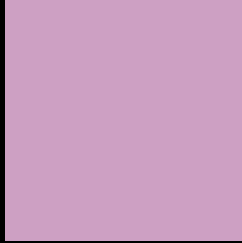
Large Text (above 18pt) WCAG AA × Fail

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 42.0609, 0.3240, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

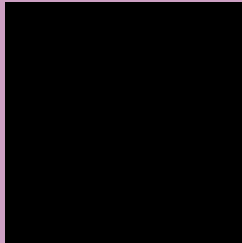
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0609, 0.3240, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 42.0609, 0.3240, 0.2863.



This preview shows how white text looks on a background with the Yxy color 42.0609, 0.3240, 0.2863.

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

42.0609, 0.3240, 0.2863

Protanopia

42.1417, 0.2850, 0.2881

Deuteranopia

42.1713, 0.3044, 0.2978



Tritanopia

41.8855, 0.3381, 0.3127

Trichromacy



Original Color

42.0609, 0.3240, 0.2863

Protanomaly

41.9992, 0.2980, 0.2878

Deuteranomaly

42.1146, 0.3108, 0.2934

Tritanomaly

41.9561, 0.3328, 0.3029

Monochromacy



Original Color

42.0609, 0.3240, 0.2863

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.1513, 0.3162, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0609, 0.3240, 0.2863 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(205, 160, 195)` looks like.

```
.text, #text, p{  
    color:rgb(205, 160, 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(205, 160, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 160, 195) }
```

Border

The CSS property to change the border of an element to Yxy 42.0609, 0.3240, 0.2863 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(205, 160, 195) }
```

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

```
.border{ border-color:rgb(205, 160, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 160, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 160, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 160, 195);  
box-shadow:4px 4px 4px 4px rgb(205, 160,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0609, 0.3240, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 160, 195) }
```

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

```
.background{ background-color: rgb(205,  
160, 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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