

Converting Colors

$Y_{xy}(42.8220, 0.3240, 0.3141)$

Have a look what the booklet for
Yxy(42.8220, 0.3240, 0.3141)
contains.

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Color

Yxy(42.8777, 0.3243, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	C0A9B4
RGB	192, 169, 180
RGB Percent	75%, 66%, 71%
CMY	0.2472, 0.3372, 0.2941
CMYK	0.00, 0.12, 0.06, 0.25
HSL	331°, 15%, 71%
HSV	331°, 12%, 75%
XYZ	44.1576, 42.8777, 49.1276
YIQ	177.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

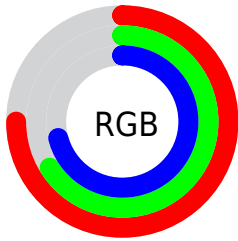
Format	Color
R _{YB}	192, 169, 180
Decimal	12626356
CIE Lab	71.47, 10.22, -2.58
CIE LCh	71, 10.539, 345.807
Yxy	42.8777, 0.3243, 0.3149
Android (android.graphics.Color)	4290816436 (0xFFC0A9B4)
YUV	177.1310, 1.4144, 13.0401
Hunter-Lab	65.4811, 5.7809, 1.3541

Details

The Yxy color $42.8777, 0.3243, 0.3149$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.4568, 0.3025, 0.3435$, and the grayscale version is $44.0264, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.3239, 0.3217, 0.3170$, and $19.6582, 0.3275, 0.3115$ is the 20% darker color. If you saturate the color by 10%, you get $35.8593, 0.3362, 0.3024$, and if you desaturate by 10%, it is $50.9780, 0.3144, 0.3268$.

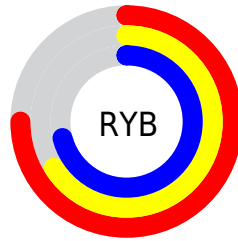
Distribution



Red (75%)

Green (66%)

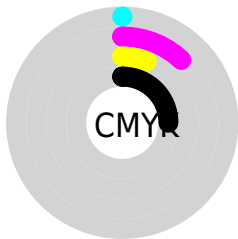
Blue (71%)



Red (75%)

Yellow (66%)

Blue (71%)

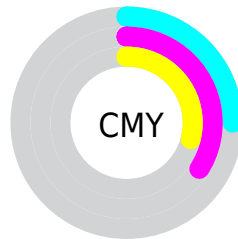


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8777, 0.3243, 0.3149 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 42.8777, 0.3243, 0.3149 by changing the saturation by 10% instead.


 42.8777, 0.3243,
0.3149


 42.8777, 0.3243,
0.3149


358.1086, 0.3185,
0.3220

 29.7892, 0.3258,
0.3131


 79.5263, 0.3222,
0.3175

 19.6786, 0.3277,
0.3108


 103.8551, 0.3214,
0.3184

 12.1616, 0.3302,
0.3078


132.6995, 0.3207,
0.3193

 6.8539, 0.3338,
0.3035

166.4438, 0.3201,
0.3200

 3.3709, 0.3393,
0.2970

205.4725, 0.3196,
0.3206

 1.3283, 0.3486,
0.2861

250.1699, 0.3192,

 0.1629, 0.4369,

0.3211

0.1761

300.9205, 0.3188,
0.3216

0.0000, 0.0000,
0.0000

42.8777, 0.3243,
0.3149

42.8777, 0.3243,
0.3149

35.8593, 0.3362,
0.3024

50.9780, 0.3144,
0.3268

29.8711, 0.3505,
0.2897

60.1978, 0.3063,
0.3379

24.8653, 0.3674,
0.2771

70.5801, 0.2996,
0.3482

20.7885, 0.3870,
0.2655

82.1636, 0.2940,
0.3576

17.5819, 0.4094,
0.2558

88.4381, 0.2890,
0.3560

■ 15.1798, 0.4340,
0.2493

■ 89.0170, 0.2838,
0.3450

■ 13.5072, 0.4598,
0.2472

■ 89.6287, 0.2787,
0.3341

■ 12.4748, 0.4856,
0.2503

■ 89.9420, 0.2762,
0.3289

■ 11.9723, 0.5056,
0.2559

Harmonies

Analogous

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



42.8777, 0.3090, 0.3063



42.8777, 0.3243, 0.3149



42.8777, 0.3367, 0.3271

Triad

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



42.8777, 0.3243, 0.3149



42.8777, 0.3303, 0.3555



42.8777, 0.2838, 0.3168

Complementary

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



42.8777, 0.3243, 0.3149



49.4568, 0.3025, 0.3435

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.



42.8777, 0.2892, 0.3302



42.8777, 0.3243, 0.3149



42.8777, 0.3159, 0.3531

Square

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



42.8777, 0.3243, 0.3149



42.8777, 0.3401, 0.3506



42.8777, 0.3009, 0.3437



42.8777, 0.2859, 0.3071

Rectangle

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



42.8777, 0.3243, 0.3149



42.8777, 0.3414, 0.3359



42.8777, 0.3009, 0.3437



42.8777, 0.2848, 0.3210

Sweetspot

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



42.8796, 0.3243, 0.3149



89.1427, 0.3164, 0.3243



41.9951, 0.3043, 0.2991



18.8767, 0.3171, 0.3234



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.



42.8796, 0.3243, 0.3149



74.6693, 0.3268, 0.3121



42.5921, 0.3339, 0.3296



10.1564, 0.3216, 0.3180



8.0748, 0.5027, 0.2543



0.3628, 0.4517, 0.2262

Inverse Universe

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



42.8796, 0.3243, 0.3149



74.6693, 0.3268, 0.3121



49.7578, 0.2946, 0.3284



10.1564, 0.3216, 0.3180



8.0748, 0.5027, 0.2543



0.3628, 0.4517, 0.2262

Previews

White Background



This preview shows how the Yxy color 42.8777, 0.3243, 0.3149 looks on a white background.

Color Contrast Check

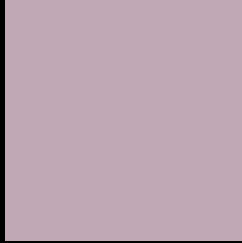
Large Text (above 18pt) WCAG AA × Fail

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 42.8777, 0.3243, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

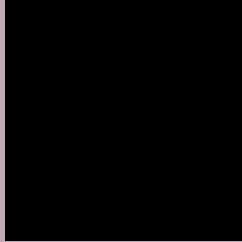
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8777, 0.3243, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 42.8777, 0.3243, 0.3149.



This preview shows how white text looks on a background with the Yxy color 42.8777, 0.3243, 0.3149.

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

42.8777, 0.3243, 0.3149

Protanopia

42.9211, 0.3071, 0.3170

Deuteranopia

42.9919, 0.3224, 0.3161



Tritanopia

42.9598, 0.3226, 0.3123

Trichromacy



Original Color

42.8777, 0.3243, 0.3149

Protanomaly

42.8275, 0.3133, 0.3158

Deuteranomaly

43.1211, 0.3233, 0.3161

Tritanomaly

42.9186, 0.3235, 0.3136

Monochromacy



Original Color

42.8777, 0.3243, 0.3149

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.4315, 0.3165, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8777, 0.3243, 0.3149 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, 169, 180)` looks like.

```
.text, #text, p{  
    color:rgb(192, 169, 180)  
}
```

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, 169, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 169, 180) }
```

Border

The CSS property to change the border of an element to Yxy 42.8777, 0.3243, 0.3149 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, 169, 180) }
```

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

```
.border{ border-color:rgb(192, 169, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 169, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 169, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 169, 180); box-shadow:4px 4px 4px 4px rgb(192, 169, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8777, 0.3243, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 169, 180) }
```

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

```
.background{ background-color: rgb(192,  
169, 180) }
```

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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