

Converting Colors

$Yxy(42.1337, 0.3180, 0.3056)$

Have a look what the booklet for
Yxy(42.1337, 0.3180, 0.3056)
contains.

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Color

Yxy(42.0874, 0.3184, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	BEA7B9
RGB	190, 167, 185
RGB Percent	75%, 65%, 73%
CMY	0.2547, 0.3452, 0.2744
CMYK	0.00, 0.12, 0.03, 0.25
HSL	313°, 15%, 70%
HSV	313°, 12%, 75%
XYZ	43.8215, 42.0874, 51.7215
YIQ	175.9290, 7.9300, 10.4740

Conversions

Conversions Part 2

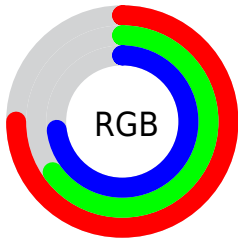
Format	Color
R _Y B	190, 167, 185
Decimal	12494777
CIE Lab	70.93, 11.56, -6.17
CIE LCh	71, 13.106, 331.916
Yxy	42.0874, 0.3184, 0.3058
Android (android.graphics.Color)	4290684857 (0xFFBEA7B9)
YUV	175.9290, 4.4720, 12.3403
Hunter-Lab	64.8748, 7.0420, -1.8567

Details

The Yxy color $42.0874, 0.3184, 0.3058$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.0424, 0.3075, 0.3534$, and the grayscale version is $43.3542, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.1863, 0.3171, 0.3099$, and $19.2458, 0.3205, 0.2992$ is the 20% darker color. If you saturate the color by 10%, you get $35.4581, 0.3239, 0.2860$, and if you desaturate by 10%, it is $49.7488, 0.3136, 0.3250$.

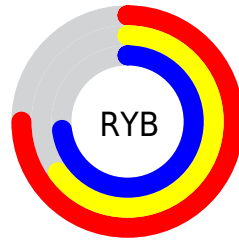
Distribution



Red (75%)

Green (65%)

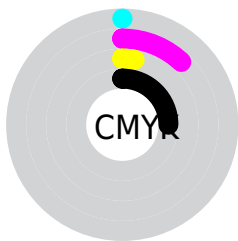
Blue (73%)



Red (75%)

Yellow (65%)

Blue (73%)

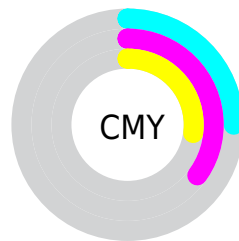


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0874, 0.3184, 0.3058 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 42.0874, 0.3184, 0.3058 by changing the saturation by 10% instead.


 42.0874, 0.3184,
0.3058

 42.0874, 0.3184,
0.3058


354.8451, 0.3156,
0.3174

 29.1697, 0.3191,
0.3029


 78.3319, 0.3174,
0.3100

 19.2093, 0.3200,
0.2992


 102.4275, 0.3170,
0.3116

 11.8216, 0.3211,
0.2942


131.0179, 0.3167,
0.3129

 6.6223, 0.3227,
0.2873


164.4874, 0.3164,
0.3141

 3.2270, 0.3249,
0.2770

203.2205, 0.3162,
0.3151

 1.2514, 0.3285,
0.2600

247.6016, 0.3160,

 0.1031, 0.3703,

0.3159

0.1004

298.0150, 0.3158,
0.3167

0.0000, 0.0000,
0.0000

42.0874, 0.3184,
0.3058

42.0874, 0.3184,
0.3058

35.4581, 0.3239,
0.2860

49.7488, 0.3136,
0.3250

29.8108, 0.3302,
0.2660

58.4785, 0.3096,
0.3433

25.0996, 0.3372,
0.2466

68.3178, 0.3061,
0.3604

21.2728, 0.3450,
0.2287

79.3042, 0.3032,
0.3762

18.2735, 0.3532,
0.2131

86.9183, 0.3008,
0.3838

■ 16.0383, 0.3618,
0.2010

■ 87.1223, 0.2986,
0.3790

■ 14.4945, 0.3705,
0.1930

■ 87.3317, 0.2963,
0.3742

■ 13.5552, 0.3789,
0.1897

■ 87.5464, 0.2941,
0.3695

■ 13.1099, 0.3854,
0.1896

■ 87.7666, 0.2919,
0.3648

Harmonies

Analogous

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



42.0874, 0.2994, 0.2982



42.0874, 0.3184, 0.3058



42.0874, 0.3363, 0.3192

Triad

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



42.0874, 0.3184, 0.3058



42.0874, 0.3413, 0.3604



42.0874, 0.2787, 0.3210

Complementary

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



42.0874, 0.3184, 0.3058



48.0424, 0.3075, 0.3534

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.



42.0874, 0.2893, 0.3387



42.0874, 0.3184, 0.3058



42.0874, 0.3253, 0.3620

Square

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



42.0874, 0.3184, 0.3058



42.0874, 0.3498, 0.3504



42.0874, 0.3063, 0.3540



42.0874, 0.2770, 0.3063

Rectangle

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



42.0874, 0.3184, 0.3058



42.0874, 0.3450, 0.3298



42.0874, 0.3063, 0.3540



42.0874, 0.2814, 0.3268

Sweetspot

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



42.0892, 0.3184, 0.3058



87.2748, 0.3145, 0.3214



40.1206, 0.2981, 0.2980



18.9239, 0.3149, 0.3199



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.



42.0892, 0.3184, 0.3058



72.3002, 0.3200, 0.2997



41.6231, 0.3285, 0.3205



9.6597, 0.3170, 0.3112



8.7241, 0.3843, 0.1891



0.3508, 0.3663, 0.1792

Inverse Universe

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



42.0892, 0.3184, 0.3058



72.3002, 0.3200, 0.2997



48.5035, 0.2991, 0.3377



9.6597, 0.3170, 0.3112



8.7241, 0.3843, 0.1891



0.3508, 0.3663, 0.1792

Previews

White Background



This preview shows how the Yxy color 42.0874, 0.3184, 0.3058 looks on a white background.

Color Contrast Check

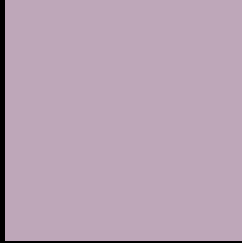
Large Text (above 18pt) WCAG AA × Fail

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 42.0874, 0.3184, 0.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

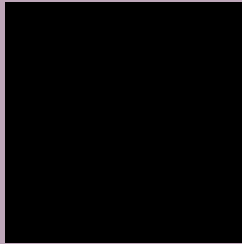
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0874, 0.3184, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 42.0874, 0.3184, 0.3058.



This preview shows how white text looks on a background with the Yxy color 42.0874, 0.3184, 0.3058.

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

42.0874, 0.3184, 0.3058

Protanopia

42.2886, 0.2997, 0.3089

Deuteranopia

42.3178, 0.3146, 0.3082



Tritanopia

42.1603, 0.3208, 0.3122

Trichromacy



Original Color

42.0874, 0.3184, 0.3058

Protanomaly

42.2974, 0.3066, 0.3079

Deuteranomaly

42.0728, 0.3156, 0.3070

Tritanomaly

42.2015, 0.3200, 0.3109

Monochromacy



Original Color

42.0874, 0.3184, 0.3058

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9656, 0.3149, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0874, 0.3184, 0.3058 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(190, 167, 185)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 185)  
}
```

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(190, 167, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 185) }
```

Border

The CSS property to change the border of an element to Yxy 42.0874, 0.3184, 0.3058 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(190, 167, 185) }
```

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

```
.border{ border-color:rgb(190, 167, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 167, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 185);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0874, 0.3184, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 167, 185) }
```

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

```
.background{ background-color: rgb(190,  
167, 185) }
```

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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