

Converting Colors

Yxy(42.3986, 0.3142, 0.3100)

Have a look what the booklet for
Yxy(42.3986, 0.3142, 0.3100)
contains.

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Color

Yxy(42.5244, 0.3145, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	B9AAB8
RGB	185, 170, 184
RGB Percent	73%, 67%, 72%
CMY	0.2743, 0.3334, 0.2783
CMYK	0.00, 0.08, 0.01, 0.27
HSL	304°, 10%, 70%
HSV	304°, 8%, 73%
XYZ	43.0445, 42.5244, 51.2975
YIQ	176.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

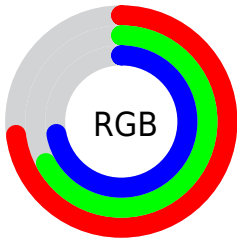
Format	Color
R_{YB}	185, 170, 184
Decimal	12167864
CIE Lab	71.23, 7.97, -5.23
CIE LCh	71, 9.533, 326.762
Yxy	42.5244, 0.3145, 0.3107
Android (android.graphics.Color)	4290357944 (0xFFB9AAB8)
YUV	176.0810, 3.9041, 7.8220
Hunter-Lab	65.2107, 3.7060, -0.9925

Details

The Yxy color $42.5244, 0.3145, 0.3107$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.2044, 0.3110, 0.3480$, and the grayscale version is $43.4422, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.8425, 0.3141, 0.3138$, and $19.5011, 0.3151, 0.3058$ is the 20% darker color. If you saturate the color by 10%, you get $36.0176, 0.3169, 0.2876$, and if you desaturate by 10%, it is $50.0119, 0.3123, 0.3331$.

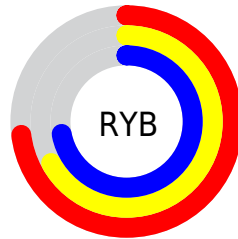
Distribution



Red (73%)

Green (67%)

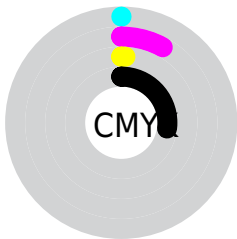
Blue (72%)



Red (73%)

Yellow (67%)

Blue (72%)

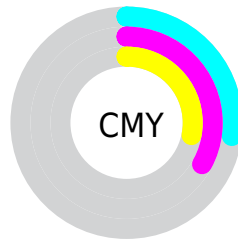


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5244, 0.3145, 0.3107 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 42.5244, 0.3145, 0.3107 by changing the saturation by 10% instead.


 42.5244, 0.3145,
0.3107

 42.5244, 0.3145,
0.3107


356.6522, 0.3137,
0.3199

 29.5121, 0.3147,
0.3084

 78.9927, 0.3142,
0.3140

 19.4686, 0.3149,
0.3054


103.2175, 0.3141,
0.3153

 12.0093, 0.3153,
0.3015

131.9485, 0.3140,
0.3164

 6.7500, 0.3157,
0.2960

165.5703, 0.3139,
0.3173

 3.3063, 0.3162,
0.2877

204.4672, 0.3138,
0.3180

 1.2936, 0.3170,
0.2738

249.0235, 0.3138,

 0.1363, 0.3328,

0.3187

0.1399

299.6237, 0.3137,
0.3193

0.0000, 0.0000,
0.0000

42.5244, 0.3145,
0.3107

42.5244, 0.3145,
0.3107

36.0176, 0.3169,
0.2876

50.0119, 0.3123,
0.3331

30.4454, 0.3195,
0.2644

58.5128, 0.3104,
0.3544

25.7662, 0.3223,
0.2418

68.0651, 0.3087,
0.3743

21.9331, 0.3252,
0.2206

78.7031, 0.3072,
0.3927

18.8952, 0.3281,
0.2019

85.5734, 0.3061,
0.4024

■ 16.5956, 0.3310,
0.1865

■ 85.6291, 0.3055,
0.4009

■ 14.9704, 0.3337,
0.1750

■ 85.6852, 0.3048,
0.3994

■ 13.9445, 0.3362,
0.1678

■ 85.7419, 0.3041,
0.3979

■ 13.3984, 0.3384,
0.1645

■ 85.7990, 0.3034,
0.3964

Harmonies

Analogous

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



42.5244, 0.3009, 0.3060



42.5244, 0.3145, 0.3107



42.5244, 0.3278, 0.3200

Triad

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



42.5244, 0.3145, 0.3107



42.5244, 0.3350, 0.3509



42.5244, 0.2888, 0.3255

Complementary

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



42.5244, 0.3145, 0.3107



46.2044, 0.3110, 0.3480

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.



42.5244, 0.2976, 0.3381



42.5244, 0.3145, 0.3107



42.5244, 0.3242, 0.3530

Square

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



42.5244, 0.3145, 0.3107



42.5244, 0.3398, 0.3430



42.5244, 0.3105, 0.3484



42.5244, 0.2864, 0.3142

Rectangle

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



42.5244, 0.3145, 0.3107



42.5244, 0.3347, 0.3277



42.5244, 0.3105, 0.3484



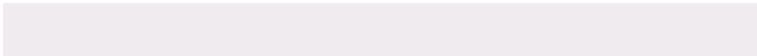
42.5244, 0.2911, 0.3298

Sweetspot

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



42.5262, 0.3145, 0.3107



84.0897, 0.3131, 0.3245



40.9058, 0.3012, 0.3086



18.1592, 0.3131, 0.3247



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.5262, 0.3145, 0.3107



73.6230, 0.3150, 0.3061



42.2196, 0.3209, 0.3204



9.1519, 0.3148, 0.3080



9.0649, 0.3386, 0.1639



0.3228, 0.3336, 0.1611

Inverse Universe

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



42.5262, 0.3145, 0.3107



73.6230, 0.3150, 0.3061



46.4989, 0.3052, 0.3377



9.1519, 0.3148, 0.3080



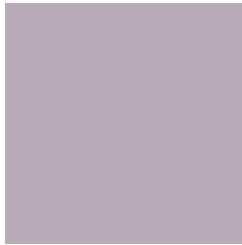
9.0649, 0.3386, 0.1639



0.3228, 0.3336, 0.1611

Previews

White Background



This preview shows how the Yxy color 42.5244, 0.3145, 0.3107 looks on a white background.

Color Contrast Check

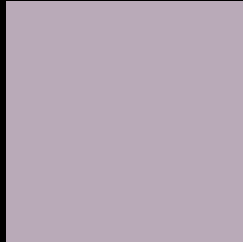
Large Text (above 18pt) WCAG AA × Fail

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 42.5244, 0.3145, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

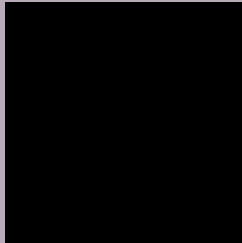
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5244, 0.3145, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 42.5244, 0.3145, 0.3107.



This preview shows how white text looks on a background with the Yxy color 42.5244, 0.3145, 0.3107.

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

42.5244, 0.3145, 0.3107

Protanopia

42.4310, 0.3030, 0.3116

Deuteranopia

42.4014, 0.3163, 0.3095



Tritanopia

42.4826, 0.3153, 0.3120

Trichromacy



Original Color

42.5244, 0.3145, 0.3107

Protanomaly

42.4728, 0.3073, 0.3118

Deuteranomaly

42.2757, 0.3154, 0.3095

Tritanomaly

42.4826, 0.3153, 0.3120

Monochromacy



Original Color

42.5244, 0.3145, 0.3107

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.1105, 0.3130, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5244, 0.3145, 0.3107 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(185, 170, 184)` looks like.

```
.text, #text, p{  
    color:rgb(185, 170, 184)  
}
```

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(185, 170, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 170, 184) }
```

Border

The CSS property to change the border of an element to Yxy 42.5244, 0.3145, 0.3107 is called "border". The border property can be set on classes, ids or directly on the HTML element.

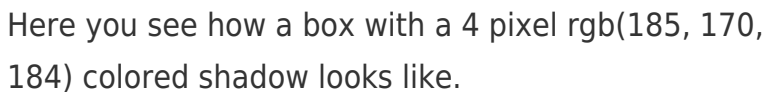
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 170, 184) }
```

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

```
.border{ border-color:rgb(185, 170, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 170, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 170, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 170, 184); box-shadow:4px 4px 4px 4px rgb(185, 170, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5244, 0.3145, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 170, 184) }
```

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

```
.background{ background-color: rgb(185,  
170, 184) }
```

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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