

Converting Colors

$Y_{xy}(42.5265, 0.3200, 0.3155)$

Have a look what the booklet for
Yxy(42.5265, 0.3200, 0.3155)
contains.

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Color

Yxy(42.6095, 0.3197, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	BBAAB4
RGB	187, 170, 180
RGB Percent	73%, 67%, 71%
CMY	0.2666, 0.3333, 0.2942
CMYK	0.00, 0.09, 0.04, 0.27
HSL	325°, 11%, 70%
HSV	325°, 9%, 73%
XYZ	43.1084, 42.6095, 49.1223
YIQ	176.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

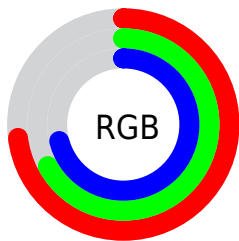
Format	Color
RYB	187, 170, 180
Decimal	12298932
CIELab	71.29, 7.91, -2.89
CIELCh	71, 8.425, 339.914
Yxy	42.6095, 0.3197, 0.3160
Android (android.graphics.Color)	4290489012 (0xFFBBAAB4)
YUV	176.2230, 1.8621, 9.4514
Hunter-Lab	65.2760, 3.6489, 1.0755

Details

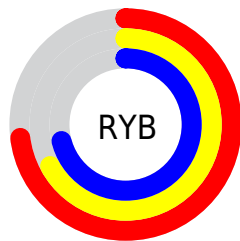
The Yxy color $42.6095, 0.3197, 0.3160$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.2712, 0.3063, 0.3424$, and the grayscale version is $43.5274, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.9612, 0.3181, 0.3179$, and $19.5575, 0.3223, 0.3130$ is the 20% darker color. If you saturate the color by 10%, you get $35.7847, 0.3288, 0.3010$, and if you desaturate by 10%, it is $50.4531, 0.3121, 0.3302$.

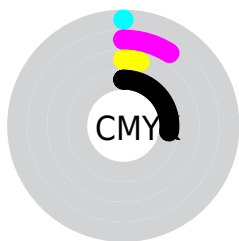
Distribution



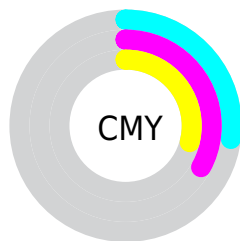
- Red (73%)
- Green (67%)
- Blue (71%)



- Red (73%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (27%)



- Cyan (27%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.6095, 0.3197, 0.3160 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 42.6095, 0.3197, 0.3160 by changing the saturation by 10% instead.


 42.6095, 0.3197,
0.3160


 42.6095, 0.3197,
0.3160


 357.0034, 0.3162,
0.3225

 29.5788, 0.3206,
0.3144


 79.1212, 0.3184,
0.3184


 19.5191, 0.3217,
0.3122


 103.3711, 0.3179,
0.3193


 12.0460, 0.3233,
0.3094


 132.1295, 0.3175,
0.3200

 6.7750, 0.3254,
0.3054

 165.7809, 0.3172,
0.3207

 3.3218, 0.3287,
0.2994

 204.7095, 0.3169,
0.3212

 1.3020, 0.3342,
0.2892

 249.2999, 0.3166,

 0.1427, 0.3965,

0.3217

0.1721

299.9364, 0.3164,
0.3222

0.0000, 0.0000,
0.0000

42.6095, 0.3197,
0.3160

42.6095, 0.3197,
0.3160

35.7847, 0.3288,
0.3010

50.4531, 0.3121,
0.3302

29.9310, 0.3396,
0.2857

59.3495, 0.3057,
0.3436

25.0049, 0.3522,
0.2704

69.3383, 0.3005,
0.3560

20.9578, 0.3667,
0.2559

80.4551, 0.2961,
0.3674

17.7365, 0.3831,
0.2431

87.1834, 0.2922,
0.3692

■ 15.2817, 0.4010,
0.2332

■ 87.5994, 0.2881,
0.3604

■ 13.5265, 0.4199,
0.2274

■ 88.0346, 0.2841,
0.3517

■ 12.3920, 0.4391,
0.2264

■ 88.4892, 0.2802,
0.3431

■ 11.7380, 0.4580,
0.2302

■ 88.9634, 0.2763,
0.3347

Harmonies

Analogous

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



42.6095, 0.3074, 0.3099



42.6095, 0.3197, 0.3160



42.6095, 0.3303, 0.3255

Triad

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



42.6095, 0.3197, 0.3160



42.6095, 0.3287, 0.3499



42.6095, 0.2899, 0.3213

Complementary

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



42.6095, 0.3197, 0.3160



47.2712, 0.3063, 0.3424

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.



42.6095, 0.2954, 0.3323



42.6095, 0.3197, 0.3160



42.6095, 0.3177, 0.3491

Square

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



42.6095, 0.3197, 0.3160



42.6095, 0.3355, 0.3450



42.6095, 0.3055, 0.3426



42.6095, 0.2904, 0.3126

Rectangle

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



42.6095, 0.3197, 0.3160



42.6095, 0.3348, 0.3326



42.6095, 0.3055, 0.3426



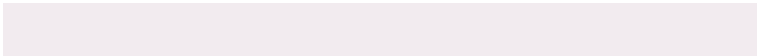
42.6095, 0.2911, 0.3248

Sweetspot

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



42.6114, 0.3197, 0.3160



84.5746, 0.3149, 0.3247



41.6627, 0.3047, 0.3064



18.3724, 0.3155, 0.3236



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



42.6114, 0.3197, 0.3160



73.6124, 0.3215, 0.3129



42.2839, 0.3269, 0.3268



9.6277, 0.3199, 0.3156



8.0647, 0.4576, 0.2294



0.3286, 0.4165, 0.2068

Inverse Universe

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



42.6114, 0.3197, 0.3160



73.6124, 0.3215, 0.3129



47.6116, 0.3001, 0.3312



9.6277, 0.3199, 0.3156



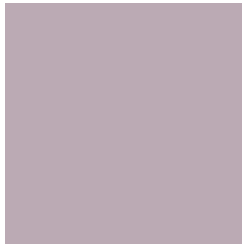
8.0647, 0.4576, 0.2294



0.3286, 0.4165, 0.2068

Previews

White Background



This preview shows how the Yxy color 42.6095, 0.3197, 0.3160 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 42.6095, 0.3197, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

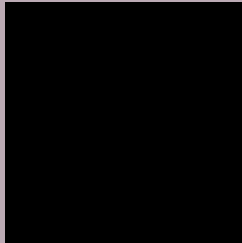
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6095, 0.3197, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 42.6095, 0.3197, 0.3160.



This preview shows how white text looks on a background with the Yxy color 42.6095, 0.3197, 0.3160.

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

42.6095, 0.3197, 0.3160

Protanopia

42.8796, 0.3080, 0.3183

Deuteranopia

42.4900, 0.3216, 0.3148



Tritanopia

42.7331, 0.3171, 0.3121

Trichromacy



Original Color

42.6095, 0.3197, 0.3160

Protanomaly

42.9266, 0.3123, 0.3184

Deuteranomaly

42.3626, 0.3207, 0.3147

Tritanomaly

42.6916, 0.3180, 0.3134

Monochromacy



Original Color

42.6095, 0.3197, 0.3160

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.1497, 0.3156, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6095, 0.3197, 0.3160 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(187, 170, 180)` looks like.

```
.text, #text, p{  
    color:rgb(187, 170, 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(187, 170, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 170, 180) }
```

Border

The CSS property to change the border of an element to Yxy 42.6095, 0.3197, 0.3160 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(187, 170, 180) }
```

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

```
.border{ border-color:rgb(187, 170, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 170, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 170, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 170, 180);  
box-shadow:4px 4px 4px 4px rgb(187, 170,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6095, 0.3197, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 170, 180) }
```

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

```
.background{ background-color: rgb(187,  
170, 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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