

Converting Colors

$Y_{xy}(42.1869, 0.3225, 0.3241)$

Have a look what the booklet for
Yxy(42.1869, 0.3225, 0.3241)
contains.

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Color

Yxy(42.1197, 0.3230, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	B9AAAE
RGB	185, 170, 174
RGB Percent	73%, 67%, 68%
CMY	0.2744, 0.3334, 0.3175
CMYK	0.00, 0.08, 0.06, 0.27
HSL	344°, 10%, 70%
HSV	344°, 8%, 73%
XYZ	42.0286, 42.1197, 45.9712
YIQ	174.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

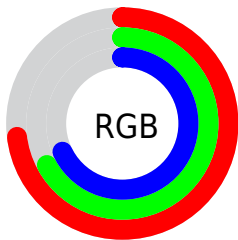
Format	Color
R _Y B	185, 170, 174
Decimal	12167854
CIE Lab	70.95, 6.13, -0.12
CIE LCh	71, 6.127, 358.879
Yxy	42.1197, 0.3230, 0.3237
Android (android.graphics.Color)	4290357934 (0xFFB9AAAE)
YUV	174.9410, -0.4639, 8.8217
Hunter-Lab	64.8997, 2.0210, 3.4321

Details

The Yxy color $42.1197, 0.3230, 0.3237$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.5902, 0.3034, 0.3344$, and the grayscale version is $42.8401, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2083, 0.3213, 0.3249$, and $19.2675, 0.3258, 0.3218$ is the 20% darker color. If you saturate the color by 10%, you get $35.1642, 0.3383, 0.3168$, and if you desaturate by 10%, it is $50.1085, 0.3106, 0.3302$.

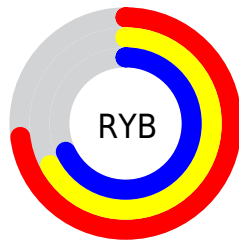
Distribution



Red (73%)

Green (67%)

Blue (68%)



Red (73%)

Yellow (67%)

Blue (68%)

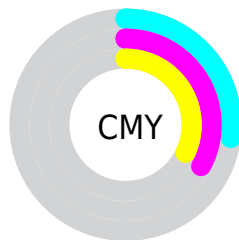


Cyan (0%)

Magenta (8%)

Yellow (6%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1197, 0.3230, 0.3237 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 42.1197, 0.3230, 0.3237 by changing the saturation by 10% instead.


 42.1197, 0.3230,
0.3237

 42.1197, 0.3230,
0.3237

354.9789, 0.3178,
0.3264

 29.1950, 0.3243,
0.3230


 78.3808, 0.3211,
0.3247

 19.2284, 0.3261,
0.3221


102.4859, 0.3204,
0.3251

 11.8354, 0.3284,
0.3209


131.0867, 0.3198,
0.3254

 6.6317, 0.3318,
0.3192

164.5675, 0.3192,
0.3256

 3.2329, 0.3369,
0.3165

203.3128, 0.3188,
0.3259

 1.2545, 0.3459,
0.3119

247.7068, 0.3184,

 0.1055, 0.5219,

0.3261

0.2205

298.1341, 0.3181,
0.3262

0.0000, 0.0000,
0.0000

42.1197, 0.3230,
0.3237

42.1197, 0.3230,
0.3237

35.1642, 0.3383,
0.3168

50.1085, 0.3106,
0.3302

29.1942, 0.3570,
0.3096

59.1647, 0.3005,
0.3362

24.1666, 0.3797,
0.3024

69.3277, 0.2922,
0.3416

20.0329, 0.4070,
0.2957

80.6332, 0.2854,
0.3466

16.7401, 0.4390,
0.2902

88.2321, 0.2792,
0.3433

■ 14.2296, 0.4748,
0.2870

■ 89.0575, 0.2726,
0.3289

■ 12.4354, 0.5127,
0.2871

■ 11.2801, 0.5495,
0.2913

■ 10.6422, 0.5816,
0.2994

Harmonies

Analogous

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



42.1197, 0.3146, 0.3174



42.1197, 0.3230, 0.3237



42.1197, 0.3287, 0.3314

Triad

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



42.1197, 0.3230, 0.3237



42.1197, 0.3196, 0.3443



42.1197, 0.2957, 0.3191

Complementary

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



42.1197, 0.3230, 0.3237



46.5902, 0.3034, 0.3344

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.



42.1197, 0.2970, 0.3263



42.1197, 0.3230, 0.3237



42.1197, 0.3107, 0.3410

Square

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



42.1197, 0.3230, 0.3237



42.1197, 0.3267, 0.3434



42.1197, 0.3025, 0.3344



42.1197, 0.2988, 0.3147

Rectangle

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



42.1197, 0.3230, 0.3237



42.1197, 0.3301, 0.3364



42.1197, 0.3025, 0.3344



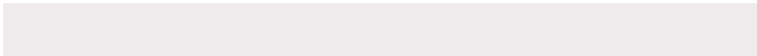
42.1197, 0.2956, 0.3213

Sweetspot

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



42.1215, 0.3230, 0.3237



83.9029, 0.3151, 0.3277



42.0465, 0.3098, 0.3092



18.1210, 0.3150, 0.3278



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.



42.1215, 0.3230, 0.3237



72.7287, 0.3259, 0.3223



43.2029, 0.3261, 0.3334



9.0507, 0.3247, 0.3229



7.1882, 0.5840, 0.2991



0.2641, 0.5087, 0.2576

Inverse Universe

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



42.1215, 0.3230, 0.3237



72.7287, 0.3259, 0.3223



45.4106, 0.3004, 0.3246



9.0507, 0.3247, 0.3229



7.1882, 0.5840, 0.2991



0.2641, 0.5087, 0.2576

Previews

White Background



This preview shows how the Yxy color 42.1197, 0.3230, 0.3237 looks on a white background.

Color Contrast Check

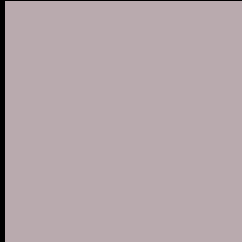
Large Text (above 18pt) WCAG AA × Fail

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 42.1197, 0.3230, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

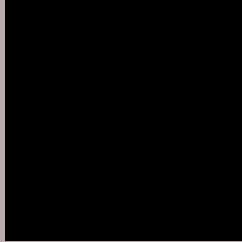
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

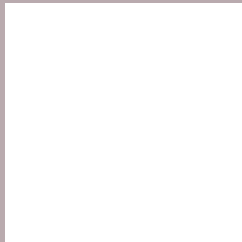
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.1197, 0.3230, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 42.1197, 0.3230, 0.3237.



This preview shows how white text looks on a background with the Yxy color 42.1197, 0.3230, 0.3237.

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

42.1197, 0.3230, 0.3237

Protanopia

42.2518, 0.3129, 0.3250

Deuteranopia

42.0084, 0.3279, 0.3212



Tritanopia

42.1924, 0.3171, 0.3120

Trichromacy



Original Color

42.1197, 0.3230, 0.3237

Protanomaly

42.1839, 0.3165, 0.3250

Deuteranomaly

42.1233, 0.3259, 0.3225

Tritanomaly

42.0697, 0.3197, 0.3159

Monochromacy



Original Color

42.1197, 0.3230, 0.3237

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5660, 0.3164, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1197, 0.3230, 0.3237 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(185, 170, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 170, 174) }
```

Border

The CSS property to change the border of an element to Yxy 42.1197, 0.3230, 0.3237 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, 174) }
```

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

```
.border{ border-color:rgb(185, 170, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 170, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 170, 174);  
box-shadow:4px 4px 4px 4px rgb(185, 170,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1197, 0.3230, 0.3237 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, 174) }
```

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

```
.background{ background-color: rgb(185,  
170, 174) }
```

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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