

Converting Colors

$Y_{xy}(42.1392, 0.3246, 0.3123)$

Have a look what the booklet for
Yxy(42.1392, 0.3246, 0.3123)
contains.

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Color

Yxy(42.1392, 0.3246, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	C0A7B4
RGB	192, 167, 180
RGB Percent	75%, 65%, 71%
CMY	0.2469, 0.3451, 0.2942
CMYK	0.00, 0.13, 0.06, 0.25
HSL	329°, 17%, 70%
HSV	329°, 13%, 75%
XYZ	43.7989, 42.1392, 48.9937
YIQ	175.9570, 10.7270, 9.3430

Conversions

Conversions Part 2

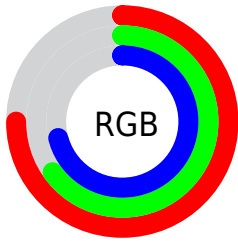
Format	Color
R _Y B	192, 167, 180
Decimal	12625844
CIE Lab	70.97, 11.34, -3.32
CIE LCh	71, 11.817, 343.706
Yxy	42.1392, 0.3246, 0.3123
Android (android.graphics.Color)	4290815924 (0xFFC0A7B4)
YUV	175.9570, 1.9932, 14.0697
Hunter-Lab	64.9147, 6.8357, 0.6918

Details

The Yxy color $42.1392, 0.3246, 0.3123$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $49.1842, 0.3023, 0.3463$, and the grayscale version is $43.3796, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.4384, 0.3226, 0.3150$, and $19.1970, 0.3279, 0.3079$ is the 20% darker color. If you saturate the color by 10%, you get $35.2557, 0.3358, 0.2988$, and if you desaturate by 10%, it is $50.0962, 0.3152, 0.3252$.

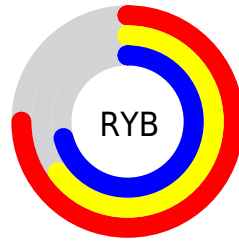
Distribution



Red (75%)

Green (65%)

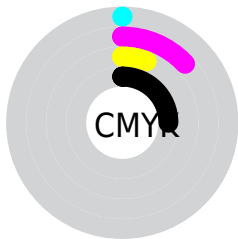
Blue (71%)



Red (75%)

Yellow (65%)

Blue (71%)

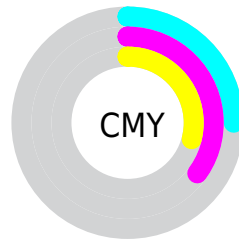


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1392, 0.3246, 0.3123 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 42.1392, 0.3246, 0.3123 by changing the saturation by 10% instead.

 42.1392, 0.3246,
0.3123


 42.1392, 0.3246,
0.3123


355.0596, 0.3186,
0.3207

 29.2103, 0.3261,
0.3102


 78.4103, 0.3224,
0.3154

 19.2400, 0.3281,
0.3075


 102.5212, 0.3216,
0.3165

 11.8438, 0.3307,
0.3038


131.1283, 0.3209,
0.3175

 6.6374, 0.3344,
0.2987

164.6159, 0.3203,
0.3183

 3.2364, 0.3400,
0.2910

203.3685, 0.3198,
0.3190

 1.2564, 0.3495,
0.2781

247.7703, 0.3194,

 0.1070, 0.4540,

0.3197

0.1283

298.2059, 0.3190,
0.3202

0.0000, 0.0000,
0.0000

42.1392, 0.3246,
0.3123

42.1392, 0.3246,
0.3123

35.2557, 0.3358,
0.2988

50.0962, 0.3152,
0.3252

29.3939, 0.3492,
0.2850

59.1647, 0.3075,
0.3374

24.5057, 0.3650,
0.2715

69.3877, 0.3010,
0.3486

20.5372, 0.3832,
0.2591

80.8041, 0.2957,
0.3590

17.4291, 0.4038,
0.2488

88.2323, 0.2910,
0.3603

■ 15.1150, 0.4261,
0.2418

■ 88.7542, 0.2862,
0.3500

■ 13.5188, 0.4495,
0.2394

■ 89.3038, 0.2814,
0.3399

■ 12.5491, 0.4727,
0.2422

■ 89.8817, 0.2768,
0.3300

■ 12.1226, 0.4886,
0.2465

■ 89.9504, 0.2763,
0.3289

Harmonies

Analogous

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



42.1392, 0.3073, 0.3031



42.1392, 0.3246, 0.3123



42.1392, 0.3390, 0.3258

Triad

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



42.1392, 0.3246, 0.3123



42.1392, 0.3335, 0.3588



42.1392, 0.2804, 0.3161

Complementary

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



42.1392, 0.3246, 0.3123



49.1842, 0.3023, 0.3463

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.



42.1392, 0.2870, 0.3315



42.1392, 0.3246, 0.3123



42.1392, 0.3174, 0.3568

Square

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



42.1392, 0.3246, 0.3123



42.1392, 0.3441, 0.3526



42.1392, 0.3004, 0.3466



42.1392, 0.2821, 0.3048

Rectangle

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



42.1392, 0.3246, 0.3123



42.1392, 0.3448, 0.3356



42.1392, 0.3004, 0.3466



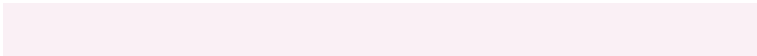
42.1392, 0.2817, 0.3210

Sweetspot

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



42.1411, 0.3246, 0.3123



89.1672, 0.3161, 0.3239



40.9888, 0.3023, 0.2961



18.8829, 0.3168, 0.3230



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.



42.1411, 0.3246, 0.3123



72.1072, 0.3280, 0.3080



41.6675, 0.3354, 0.3280



10.1632, 0.3210, 0.3171



8.1702, 0.4859, 0.2450



0.3669, 0.4394, 0.2194

Inverse Universe

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



42.1411, 0.3246, 0.3123



72.1072, 0.3280, 0.3080



49.6978, 0.2936, 0.3300



10.1632, 0.3210, 0.3171



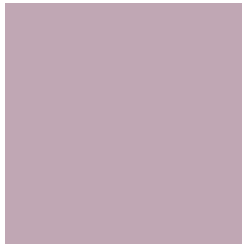
8.1702, 0.4859, 0.2450



0.3669, 0.4394, 0.2194

Previews

White Background



This preview shows how the Yxy color 42.1392, 0.3246, 0.3123 looks on a white background.

Color Contrast Check

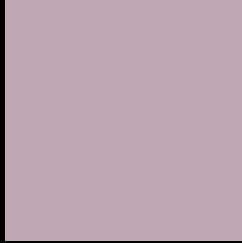
Large Text (above 18pt) WCAG AA × Fail

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 42.1392, 0.3246, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

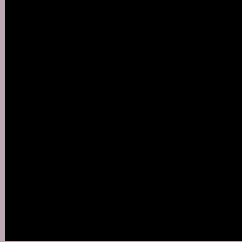
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1392, 0.3246, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 42.1392, 0.3246, 0.3123.



This preview shows how white text looks on a background with the Yxy color 42.1392, 0.3246, 0.3123.

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

42.1392, 0.3246, 0.3123

Protanopia

42.3047, 0.3054, 0.3156

Deuteranopia

42.3626, 0.3207, 0.3147



Tritanopia

42.1392, 0.3246, 0.3123

Trichromacy



Original Color

42.1392, 0.3246, 0.3123

Protanomaly

42.3270, 0.3125, 0.3145

Deuteranomaly

42.1194, 0.3217, 0.3134

Tritanomaly

42.1392, 0.3246, 0.3123

Monochromacy



Original Color

42.1392, 0.3246, 0.3123

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0065, 0.3174, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1392, 0.3246, 0.3123 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, 167, 180)` looks like.

```
.text, #text, p{  
    color:rgb(192, 167, 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, 167, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 167, 180) }
```

Border

The CSS property to change the border of an element to Yxy 42.1392, 0.3246, 0.3123 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, 167, 180) }
```

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

```
.border{ border-color:rgb(192, 167, 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, 167, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 167, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 167, 180);  
box-shadow:4px 4px 4px 4px rgb(192, 167,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1392, 0.3246, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 167, 180) }
```

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

```
.background{ background-color: rgb(192,  
167, 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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