

Converting Colors

$Y_{xy}(44.1440, 0.3196, 0.3134)$

Have a look what the booklet for
Yxy(44.1440, 0.3196, 0.3134)
contains.

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Color

Yxy(44.0421, 0.3197, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	BFACB8
RGB	191, 172, 184
RGB Percent	75%, 67%, 72%
CMY	0.2511, 0.3254, 0.2785
CMYK	0.00, 0.10, 0.04, 0.25
HSL	322°, 13%, 71%
HSV	322°, 10%, 75%
XYZ	44.8845, 44.0421, 51.4690
YIQ	179.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

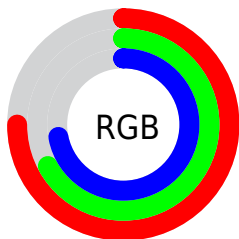
Format	Color
R _Y B	191, 172, 184
Decimal	12561592
CIE Lab	72.26, 8.95, -3.63
CIE LCh	72, 9.656, 337.917
Yxy	44.0421, 0.3197, 0.3137
Android (android.graphics.Color)	4290751672 (0xFFBFACB8)
YUV	179.0490, 2.4408, 10.4810
Hunter-Lab	66.3642, 4.5885, 0.4724

Details

The Yxy color $44.0421, 0.3197, 0.3137$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.2815, 0.3063, 0.3448$, and the grayscale version is $45.0899, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.0036, 0.3182, 0.3160$, and $20.4749, 0.3223, 0.3099$ is the 20% darker color. If you saturate the color by 10%, you get $37.0001, 0.3280, 0.2976$, and if you desaturate by 10%, it is $52.1474, 0.3127, 0.3291$.

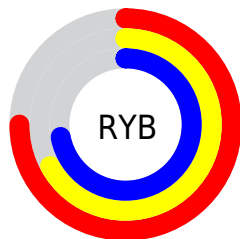
Distribution



Red (75%)

Green (67%)

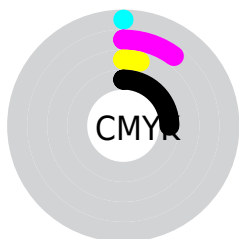
Blue (72%)



Red (75%)

Yellow (67%)

Blue (72%)

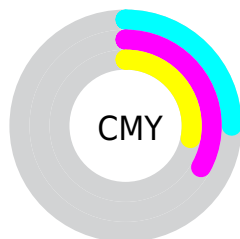


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (25%)



Cyan (25%)


Magenta (33%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0421, 0.3197, 0.3137 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 44.0421, 0.3197, 0.3137 by changing the saturation by 10% instead.


 44.0421, 0.3197,
0.3137

 44.0421, 0.3197,
0.3137

362.8800, 0.3162,
0.3213

 30.7036, 0.3206,
0.3118


 81.2811, 0.3184,
0.3165

 20.3733, 0.3217,
0.3093


105.9504, 0.3180,
0.3175

 12.6667, 0.3232,
0.3061


135.1654, 0.3176,
0.3184

 7.1994, 0.3252,
0.3016

169.3105, 0.3172,
0.3192

 3.5871, 0.3283,
0.2948

208.7701, 0.3169,
0.3198

 1.4454, 0.3334,
0.2836

253.9287, 0.3167,

 0.2498, 0.3702,

0.3204

0.2029

305.1705, 0.3164,
0.3209

0.0000, 0.0000,
0.0000

44.0421, 0.3197,
0.3137

44.0421, 0.3197,
0.3137

37.0001, 0.3280,
0.2976

52.1474, 0.3127,
0.3291

30.9711, 0.3379,
0.2811

61.3522, 0.3068,
0.3436

25.9093, 0.3493,
0.2648

71.6979, 0.3019,
0.3570

21.7630, 0.3623,
0.2494

83.2223, 0.2978,
0.3695

18.4758, 0.3768,
0.2360

87.7214, 0.2941,
0.3683

■ 15.9851, 0.3925,
0.2255

■ 88.1015, 0.2904,
0.3603

■ 14.2192, 0.4090,
0.2192

■ 88.4974, 0.2867,
0.3524

■ 13.0941, 0.4255,
0.2178

■ 88.9095, 0.2831,
0.3446

■ 12.4449, 0.4418,
0.2208

■ 89.3379, 0.2795,
0.3369

Harmonies

Analogous

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



44.0421, 0.3058, 0.3071



44.0421, 0.3197, 0.3137



44.0421, 0.3320, 0.3242

Triad

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



44.0421, 0.3197, 0.3137



44.0421, 0.3316, 0.3525



44.0421, 0.2871, 0.3210

Complementary

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



44.0421, 0.3197, 0.3137



49.2815, 0.3063, 0.3448

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.



44.0421, 0.2937, 0.3335



44.0421, 0.3197, 0.3137



44.0421, 0.3193, 0.3521

Square

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



44.0421, 0.3197, 0.3137



44.0421, 0.3389, 0.3465



44.0421, 0.3054, 0.3451



44.0421, 0.2872, 0.3110

Rectangle

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



44.0421, 0.3197, 0.3137



44.0421, 0.3374, 0.3322



44.0421, 0.3054, 0.3451



44.0421, 0.2886, 0.3250

Sweetspot

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



44.0440, 0.3197, 0.3137



88.6853, 0.3147, 0.3244



42.8511, 0.3034, 0.3041



19.2103, 0.3153, 0.3232



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.



44.0440, 0.3197, 0.3137



75.8873, 0.3215, 0.3101



43.6615, 0.3278, 0.3258



9.6349, 0.3193, 0.3146



8.1937, 0.4399, 0.2197



0.3332, 0.4044, 0.2001

Inverse Universe

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



44.0440, 0.3197, 0.3137



75.8873, 0.3215, 0.3101



49.6764, 0.2994, 0.3323



9.6349, 0.3193, 0.3146



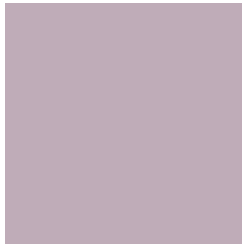
8.1937, 0.4399, 0.2197



0.3332, 0.4044, 0.2001

Previews

White Background



This preview shows how the Yxy color 44.0421, 0.3197, 0.3137 looks on a white background.

Color Contrast Check

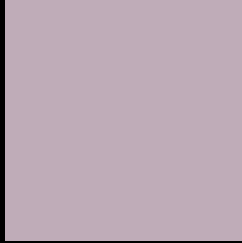
Large Text (above 18pt) WCAG AA × Fail

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 44.0421, 0.3197, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

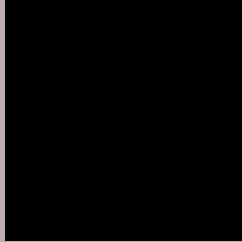
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0421, 0.3197, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 44.0421, 0.3197, 0.3137.



This preview shows how white text looks on a background with the Yxy color 44.0421, 0.3197, 0.3137.

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

44.0421, 0.3197, 0.3137

Protanopia

44.0608, 0.3064, 0.3158

Deuteranopia

44.0421, 0.3197, 0.3137



Tritanopia

44.0842, 0.3189, 0.3124

Trichromacy



Original Color

44.0421, 0.3197, 0.3137

Protanomaly

44.2300, 0.3116, 0.3160

Deuteranomaly

44.0421, 0.3197, 0.3137

Tritanomaly

44.0842, 0.3189, 0.3124

Monochromacy



Original Color

44.0421, 0.3197, 0.3137

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4541, 0.3148, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0421, 0.3197, 0.3137 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(191, 172, 184)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 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(191, 172, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 184) }
```

Border

The CSS property to change the border of an element to Yxy 44.0421, 0.3197, 0.3137 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(191, 172, 184) }
```

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

```
.border{ border-color:rgb(191, 172, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 172, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 172, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 172, 184);  
box-shadow:4px 4px 4px 4px rgb(191, 172,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0421, 0.3197, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 172, 184) }
```

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

```
.background{ background-color: rgb(191,  
172, 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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