

Converting Colors

$Yxy(44.2838, 0.3170, 0.3094)$

Have a look what the booklet for
Yxy(44.2838, 0.3170, 0.3094)
contains.

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Color

Yxy(44.2123, 0.3163, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	BFACBC
RGB	191, 172, 188
RGB Percent	75%, 67%, 74%
CMY	0.2510, 0.3255, 0.2626
CMYK	0.00, 0.10, 0.02, 0.25
HSL	309°, 13%, 71%
HSV	309°, 10%, 75%
XYZ	45.3155, 44.2123, 53.7396
YIQ	179.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

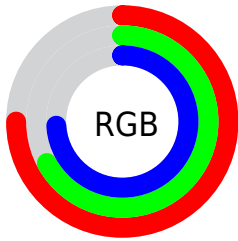
Format	Color
R _{YB}	191, 172, 188
Decimal	12561596
CIE Lab	72.37, 9.70, -5.69
CIE LCh	72, 11.247, 329.594
Yxy	44.2123, 0.3163, 0.3086
Android (android.graphics.Color)	4290751676 (0xFFBFACBC)
YUV	179.5050, 4.1880, 10.0811
Hunter-Lab	66.4923, 5.2887, -1.3740

Details

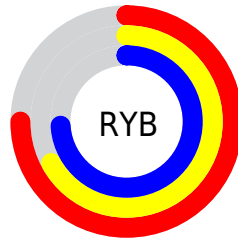
The Yxy color **44.2123, 0.3163, 0.3086** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.1209, 0.3093, 0.3503**, and the grayscale version is **45.3386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2440, 0.3156, 0.3121**, and **20.5855, 0.3176, 0.3031** is the 20% darker color. If you saturate the color by 10%, you get **37.3320, 0.3204, 0.2874**, and if you desaturate by 10%, it is **52.1438, 0.3127, 0.3291**.

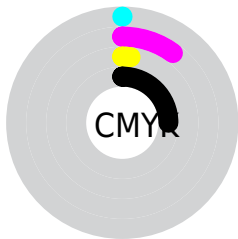
Distribution



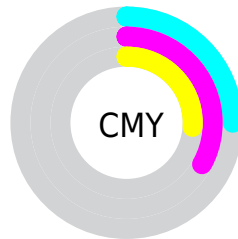
- Red (75%)
- Green (67%)
- Blue (74%)



- Red (75%)
- Yellow (67%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (25%)





- Cyan (25%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2123, 0.3163, 0.3086 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 44.2123, 0.3163, 0.3086 by changing the saturation by 10% instead.


 44.2123, 0.3163,
0.3086

 44.2123, 0.3163,
0.3086

363.5739, 0.3146,
0.3187

 30.8374, 0.3167,
0.3061


 81.5371, 0.3157,
0.3123

 20.4751, 0.3172,
0.3029


106.2558, 0.3154,
0.3137

 12.7409, 0.3179,
0.2986


135.5247, 0.3152,
0.3148

 7.2503, 0.3188,
0.2927

169.7280, 0.3151,
0.3158

 3.6192, 0.3201,
0.2839

209.2502, 0.3149,
0.3167

 1.4629, 0.3221,
0.2695

254.4756, 0.3148,

 0.2624, 0.3395,

0.3175

0.1832

305.7887, 0.3147,
0.3181

0.0000, 0.0000,
0.0000

44.2123, 0.3163,
0.3086

44.2123, 0.3163,
0.3086

37.3320, 0.3204,
0.2874

52.1438, 0.3127,
0.3291

31.4529, 0.3251,
0.2660

61.1625, 0.3096,
0.3486

26.5292, 0.3302,
0.2452

71.3097, 0.3069,
0.3669

22.5097, 0.3358,
0.2257

82.6229, 0.3046,
0.3838

19.3379, 0.3416,
0.2087

86.9017, 0.3029,
0.3870

■ 16.9515, 0.3476,
0.1949

■ 87.0448, 0.3013,
0.3836

■ 15.2791, 0.3536,
0.1851

■ 87.1906, 0.2997,
0.3802

■ 14.2369, 0.3593,
0.1798

■ 87.3391, 0.2981,
0.3767

■ 13.6599, 0.3647,
0.1783

■ 87.4904, 0.2965,
0.3733

Harmonies

Analogous

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



44.2123, 0.3004, 0.3026



44.2123, 0.3163, 0.3086



44.2123, 0.3316, 0.3197

Triad

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



44.2123, 0.3163, 0.3086



44.2123, 0.3377, 0.3551



44.2123, 0.2844, 0.3235

Complementary

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



44.2123, 0.3163, 0.3086



49.1209, 0.3093, 0.3503

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.



44.2123, 0.2939, 0.3383



44.2123, 0.3163, 0.3086



44.2123, 0.3246, 0.3569

Square

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



44.2123, 0.3163, 0.3086



44.2123, 0.3441, 0.3463



44.2123, 0.3086, 0.3508



44.2123, 0.2822, 0.3107

Rectangle

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



44.2123, 0.3163, 0.3086



44.2123, 0.3393, 0.3287



44.2123, 0.3086, 0.3508



44.2123, 0.2868, 0.3284

Sweetspot

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



44.2142, 0.3163, 0.3086



88.7823, 0.3138, 0.3228



42.3653, 0.2998, 0.3039



19.2372, 0.3140, 0.3212



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.



44.2142, 0.3163, 0.3086



76.2633, 0.3172, 0.3039



43.8225, 0.3242, 0.3205



9.6701, 0.3161, 0.3098



8.9861, 0.3641, 0.1779



0.3590, 0.3522, 0.1714

Inverse Universe

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



44.2142, 0.3163, 0.3086



76.2633, 0.3172, 0.3039



49.5024, 0.3024, 0.3377



9.6701, 0.3161, 0.3098



8.9861, 0.3641, 0.1779



0.3590, 0.3522, 0.1714

Previews

White Background



This preview shows how the Yxy color 44.2123, 0.3163, 0.3086 looks on a white background.

Color Contrast Check

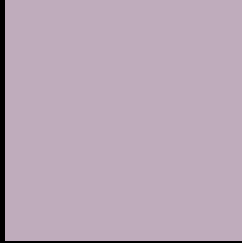
Large Text (above 18pt) WCAG AA × Fail

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 44.2123, 0.3163, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

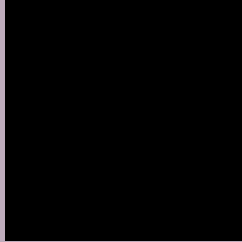
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2123, 0.3163, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 44.2123, 0.3163, 0.3086.



This preview shows how white text looks on a background with the Yxy color 44.2123, 0.3163, 0.3086.

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

44.2123, 0.3163, 0.3086

Protanopia

44.1594, 0.3016, 0.3093

Deuteranopia

44.0830, 0.3155, 0.3086



Tritanopia

44.1266, 0.3180, 0.3111

Trichromacy



Original Color

44.2123, 0.3163, 0.3086

Protanomaly

44.3227, 0.3067, 0.3095

Deuteranomaly

44.0830, 0.3155, 0.3086

Tritanomaly

44.1693, 0.3172, 0.3099

Monochromacy



Original Color

44.2123, 0.3163, 0.3086

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.0535, 0.3140, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2123, 0.3163, 0.3086 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 188) }
```

Border

The CSS property to change the border of an element to Yxy 44.2123, 0.3163, 0.3086 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, 188) }
```

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

```
.border{ border-color:rgb(191, 172, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 172, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 172, 188);  
box-shadow:4px 4px 4px 4px rgb(191, 172,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2123, 0.3163, 0.3086 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, 188) }
```

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

```
.background{ background-color: rgb(191,  
172, 188) }
```

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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