

Converting Colors

$Yxy(43.8225, 0.3080, 0.3090)$

Have a look what the booklet for
Yxy(43.8225, 0.3080, 0.3090)
contains.

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Color

Yxy(44.0135, 0.3084, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	B7AEBD
RGB	183, 174, 189
RGB Percent	72%, 68%, 74%
CMY	0.2822, 0.3177, 0.2588
CMYK	0.03, 0.08, 0.00, 0.26
HSL	276°, 10%, 71%
HSV	276°, 8%, 74%
XYZ	43.8571, 44.0135, 54.3378
YIQ	178.4010, 0.5490, 6.5730

Conversions

Conversions Part 2

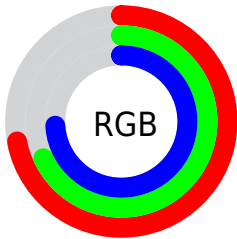
Format	Color
R _Y B	183, 174, 189
Decimal	12037821
CIE Lab	72.24, 6.04, -6.51
CIE LCh	72, 8.875, 312.856
Yxy	44.0135, 0.3084, 0.3095
Android (android.graphics.Color)	4290227901 (0xFFB7AEBD)
YUV	178.4010, 5.2253, 4.0333
Hunter-Lab	66.3427, 1.9011, -2.1215

Details

The Yxy color $44.0135, 0.3084, 0.3095$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.1592, 0.3167, 0.3487$, and the grayscale version is $44.7193, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.9819, 0.3094, 0.3128$, and $20.4425, 0.3067, 0.3042$ is the 20% darker color. If you saturate the color by 10%, you get $36.3203, 0.3021, 0.2834$, and if you desaturate by 10%, it is $52.7875, 0.3137, 0.3338$.

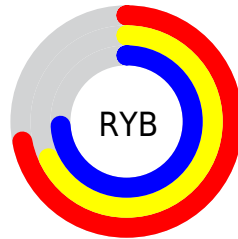
Distribution



Red (72%)

Green (68%)

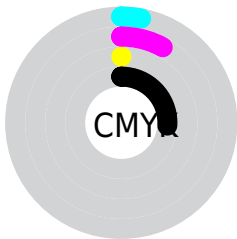
Blue (74%)



Red (72%)

Yellow (68%)

Blue (74%)

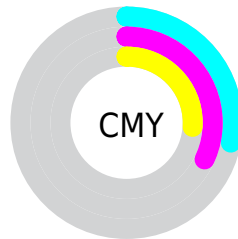


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (26%)



Cyan (28%)

Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0135, 0.3084, 0.3095 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 44.0135, 0.3084, 0.3095 by changing the saturation by 10% instead.

■ 44.0135, 0.3084,
0.3095

■ 44.0135, 0.3084,
0.3095

362.7634, 0.3106,
0.3192

■ 30.6811, 0.3078,
0.3071

■ 81.2381, 0.3092,
0.3130

■ 20.3562, 0.3071,
0.3040

105.8990, 0.3095,
0.3144

■ 12.6542, 0.3060,
0.2998

135.1050, 0.3098,
0.3155

■ 7.1909, 0.3046,
0.2941

169.2403, 0.3100,
0.3164

■ 3.5817, 0.3023,
0.2855

208.6894, 0.3102,
0.3173

■ 1.4425, 0.2982,
0.2714

253.8367, 0.3104,

■ 0.2477, 0.2825,

0.3180

0.1828

305.0666, 0.3105,
0.3187

0.0000, 0.0000,
0.0000

44.0135, 0.3084,
0.3095

44.0135, 0.3084,
0.3095

36.3203, 0.3021,
0.2834

52.7875, 0.3137,
0.3338

29.6588, 0.2948,
0.2559

62.6777, 0.3182,
0.3562

23.9845, 0.2864,
0.2277

73.7246, 0.3219,
0.3765

19.2473, 0.2770,
0.1996

85.9651, 0.3249,
0.3949

15.3926, 0.2669,
0.1729

90.5157, 0.3291,
0.3990

■ 12.3599, 0.2563,
0.1488

■ 91.7216, 0.3340,
0.3979

■ 10.0810, 0.2456,
0.1285

■ 92.9812, 0.3390,
0.3968

■ 8.4761, 0.2352,
0.1131

■ 94.2950, 0.3441,
0.3957

■ 7.4233, 0.2254,
0.1024

■ 95.6638, 0.3491,
0.3945

Harmonies

Analogous

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



44.0135, 0.2970, 0.3076



44.0135, 0.3084, 0.3095



44.0135, 0.3212, 0.3163

Triad

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



44.0135, 0.3084, 0.3095



44.0135, 0.3361, 0.3464



44.0135, 0.2938, 0.3313

Complementary

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



44.0135, 0.3084, 0.3095



49.1592, 0.3167, 0.3487

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.



44.0135, 0.3040, 0.3422



44.0135, 0.3084, 0.3095



44.0135, 0.3284, 0.3510

Square

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



44.0135, 0.3084, 0.3095



44.0135, 0.3374, 0.3373



44.0135, 0.3167, 0.3495



44.0135, 0.2887, 0.3199

Rectangle

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



44.0135, 0.3084, 0.3095



44.0135, 0.3288, 0.3228



44.0135, 0.3167, 0.3495



44.0135, 0.2968, 0.3351

Sweetspot

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



44.0154, 0.3084, 0.3095



87.8721, 0.3117, 0.3241



45.3162, 0.3006, 0.3171



18.9322, 0.3117, 0.3244



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.



44.0154, 0.3084, 0.3095



75.6057, 0.3071, 0.3039



44.7002, 0.3149, 0.3117



9.5016, 0.3076, 0.3059



4.9123, 0.2246, 0.1011



0.2295, 0.2477, 0.1138

Inverse Universe

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



44.3845, 0.3211, 0.3213



76.4481, 0.3237, 0.3191



48.5155, 0.3106, 0.3469



9.5976, 0.3228, 0.3199



7.6377, 0.5356, 0.2724



0.3121, 0.4723, 0.2375

Previews

White Background



This preview shows how the Yxy color 44.0135, 0.3084, 0.3095 looks on a white background.

Color Contrast Check

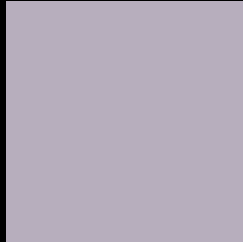
Large Text (above 18pt) WCAG AA × Fail

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 44.0135, 0.3084, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

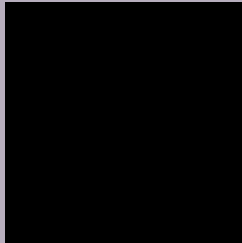
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0135, 0.3084, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 44.0135, 0.3084, 0.3095.



This preview shows how white text looks on a background with the Yxy color 44.0135, 0.3084, 0.3095.

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

44.0135, 0.3084, 0.3095

Protanopia

43.9985, 0.3016, 0.3106

Deuteranopia

43.9980, 0.3137, 0.3073



Tritanopia

43.9702, 0.3092, 0.3108

Trichromacy



Original Color

44.0135, 0.3084, 0.3095

Protanomaly

43.9614, 0.3041, 0.3094

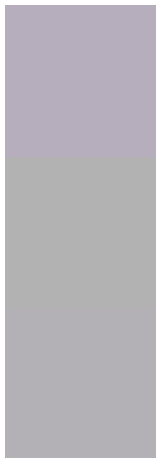
Deuteranomaly

44.1261, 0.3119, 0.3084

Tritanomaly

43.9702, 0.3092, 0.3108

Monochromacy



Original Color

44.0135, 0.3084, 0.3095

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.5250, 0.3113, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0135, 0.3084, 0.3095 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(183, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(183, 174, 189)  
}
```

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(183, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 174, 189) }
```

Border

The CSS property to change the border of an element to Yxy 44.0135, 0.3084, 0.3095 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(183, 174, 189) }
```

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

```
.border{ border-color:rgb(183, 174, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 174, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(183, 174,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0135, 0.3084, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 174, 189) }
```

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

```
.background{ background-color: rgb(183,  
174, 189) }
```

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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