

Converting Colors

$Yxy(44.0591, 0.3083, 0.3193)$

Have a look what the booklet for
Yxy(44.0591, 0.3083, 0.3193)
contains.

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Color

Yxy(43.9763, 0.3080, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	B2B0B8
RGB	178, 176, 184
RGB Percent	70%, 69%, 72%
CMY	0.3019, 0.3098, 0.2784
CMYK	0.03, 0.04, 0.00, 0.28
HSL	255°, 5%, 71%
HSV	255°, 4%, 72%
XYZ	42.5399, 43.9763, 51.6003
YIQ	177.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

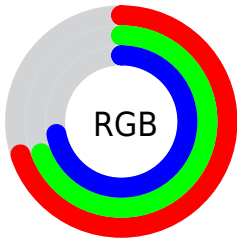
Format	Color
R_{YB}	178, 176, 184
Decimal	11710648
CIE _{Lab}	72.21, 2.24, -3.84
CIE _{LCh}	72, 4.442, 300.222
Yxy	43.9763, 0.3080, 0.3184
Android (android.graphics.Color)	4289900728 (0xFFB2B0B8)
YUV	177.5100, 3.1996, 0.4297
Hunter-Lab	66.3146, -1.5454, 0.2859

Details

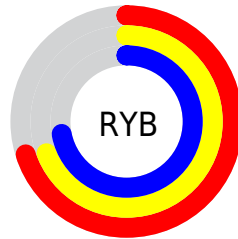
The Yxy color **43.9763, 0.3080, 0.3184** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.3665, 0.3173, 0.3395**, and the grayscale version is **44.2340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4969, 0.3091, 0.3208**, and **20.4140, 0.3062, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **35.6951, 0.2960, 0.2921**, and if you desaturate by 10%, it is **53.4032, 0.3184, 0.3420**.

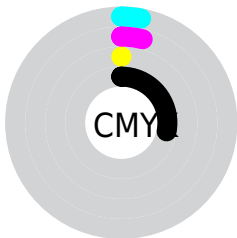
Distribution



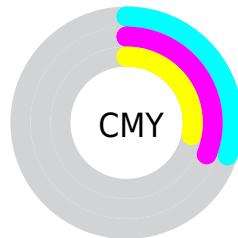
- Red (70%)
- Green (69%)
- Blue (72%)



- Red (70%)
- Yellow (69%)
- Blue (72%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)



- Cyan (30%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9763, 0.3080, 0.3184 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 43.9763, 0.3080, 0.3184 by changing the saturation by 10% instead.

■ 43.9763, 0.3080,
0.3184

■ 43.9763, 0.3080,
0.3184

362.6116, 0.3104,
0.3237

■ 30.6519, 0.3074,
0.3171

■ 81.1821, 0.3089,
0.3203

■ 20.3339, 0.3066,
0.3153

105.8322, 0.3092,
0.3211

■ 12.6380, 0.3055,
0.3130

135.0264, 0.3095,
0.3217

■ 7.1797, 0.3040,
0.3098

169.1490, 0.3097,
0.3222

■ 3.5748, 0.3017,
0.3049

208.5844, 0.3099,
0.3227

■ 1.4387, 0.2978,
0.2966

253.7171, 0.3101,

■ 0.2450, 0.2692,

0.3231

0.2295

304.9313, 0.3103,
0.3234

0.0000, 0.0000,
0.0000

43.9763, 0.3080,
0.3184

43.9763, 0.3080,
0.3184

35.6951, 0.2960,
0.2921

53.4032, 0.3184,
0.3420

28.5101, 0.2822,
0.2632

64.0117, 0.3273,
0.3629

22.3765, 0.2668,
0.2321

75.8429, 0.3348,
0.3812

17.2440, 0.2500,
0.1996

88.9346, 0.3412,
0.3974

13.0584, 0.2322,
0.1672

94.7413, 0.3495,
0.4001

■ 9.7601, 0.2143,
0.1365

■ 96.2413, 0.3549,
0.3988

■ 7.2826, 0.1973,
0.1096

■ 5.5498, 0.1823,
0.0883

■ 4.4703, 0.1702,
0.0740

Harmonies

Analogous

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



43.9763, 0.3030, 0.3187



43.9763, 0.3080, 0.3184



43.9763, 0.3143, 0.3209

Triad

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



43.9763, 0.3080, 0.3184



43.9763, 0.3251, 0.3361



43.9763, 0.3052, 0.3326

Complementary

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



43.9763, 0.3080, 0.3184



47.3665, 0.3173, 0.3395

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.



43.9763, 0.3110, 0.3374



43.9763, 0.3080, 0.3184



43.9763, 0.3225, 0.3394

Square

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



43.9763, 0.3080, 0.3184



43.9763, 0.3242, 0.3310



43.9763, 0.3174, 0.3399



43.9763, 0.3013, 0.3268

Rectangle

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



43.9763, 0.3080, 0.3184



43.9763, 0.3185, 0.3238



43.9763, 0.3174, 0.3399



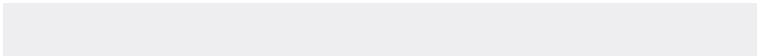
43.9763, 0.3070, 0.3344

Sweetspot

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



43.9782, 0.3080, 0.3184



85.1781, 0.3116, 0.3266



46.1514, 0.3061, 0.3263



18.3818, 0.3117, 0.3267



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.



43.9782, 0.3080, 0.3184



78.5465, 0.3072, 0.3166



44.4582, 0.3115, 0.3185



9.5304, 0.3066, 0.3153



2.8173, 0.1657, 0.0686



0.1295, 0.1939, 0.0842

Inverse Universe

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



44.6201, 0.3148, 0.3212



79.8993, 0.3152, 0.3199



46.8865, 0.3139, 0.3396



9.7126, 0.3155, 0.3189



8.2958, 0.3955, 0.1952



0.3018, 0.3724, 0.1825

Previews

White Background



This preview shows how the Yxy color 43.9763, 0.3080, 0.3184 looks on a white background.

Color Contrast Check

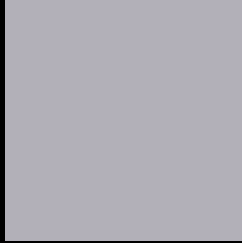
Large Text (above 18pt) WCAG AA × Fail

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 43.9763, 0.3080, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

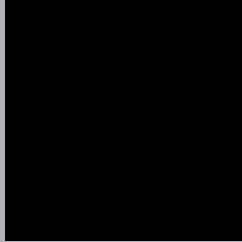
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

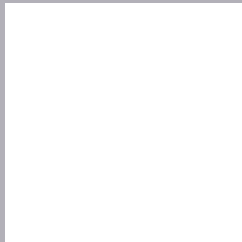
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9763, 0.3080, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 43.9763, 0.3080, 0.3184.



This preview shows how white text looks on a background with the Yxy color 43.9763, 0.3080, 0.3184.

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

43.9763, 0.3080, 0.3184

Protanopia

43.9763, 0.3080, 0.3184

Deuteranopia

44.0842, 0.3189, 0.3124



Tritanopia

43.9178, 0.3049, 0.3107

Trichromacy



Original Color

43.9763, 0.3080, 0.3184

Protanomaly

43.9763, 0.3080, 0.3184

Deuteranomaly

43.8290, 0.3143, 0.3135

Tritanomaly

43.8315, 0.3065, 0.3132

Monochromacy



Original Color

43.9763, 0.3080, 0.3184

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2045, 0.3112, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9763, 0.3080, 0.3184 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(178, 176, 184)` looks like.

```
.text, #text, p{  
    color:rgb(178, 176, 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(178, 176, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 176, 184) }
```

Border

The CSS property to change the border of an element to Yxy 43.9763, 0.3080, 0.3184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

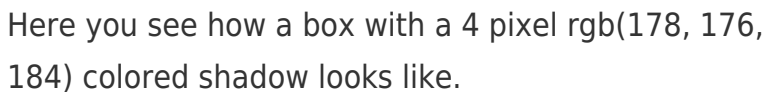
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 176, 184) }
```

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

```
.border{ border-color:rgb(178, 176, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 176, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 176, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 176, 184);  
box-shadow:4px 4px 4px 4px rgb(178, 176,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9763, 0.3080, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 176, 184) }
```

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

```
.background{ background-color: rgb(178,  
176, 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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