

Converting Colors

$Y_{xy}(44.4127, 0.2993, 0.3075)$

Have a look what the booklet for
Yxy(44.4127, 0.2993, 0.3075)
contains.

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Color

Yxy(44.5246, 0.2992, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	B0B1C1
RGB	176, 177, 193
RGB Percent	69%, 69%, 76%
CMY	0.3099, 0.3059, 0.2430
CMYK	0.09, 0.08, 0.00, 0.24
HSL	236°, 12%, 72%
HSV	236°, 9%, 76%
XYZ	43.2525, 44.5246, 56.7833
YIQ	178.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

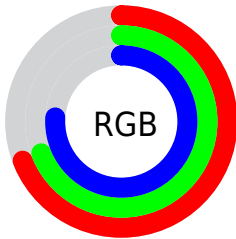
Format	Color
R_{YB}	176, 177, 193
Decimal	11579841
CIE Lab	72.58, 2.79, -8.26
CIE LCh	73, 8.721, 288.630
Yxy	44.5246, 0.2992, 0.3080
Android (android.graphics.Color)	4289769921 (0xFFB0B1C1)
YUV	178.5250, 7.1362, -2.2144
Hunter-Lab	66.7268, -1.0676, -3.7460

Details

The Yxy color $44.5246, 0.2992, 0.3080$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $52.1803, 0.3258, 0.3492$, and the grayscale version is $44.7779, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.2732, 0.3022, 0.3127$, and $20.5197, 0.2943, 0.3003$ is the 20% darker color. If you saturate the color by 10%, you get $35.7342, 0.2821, 0.2812$, and if you desaturate by 10%, it is $54.5924, 0.3144, 0.3316$.

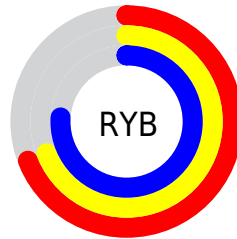
Distribution



Red (69%)

Green (69%)

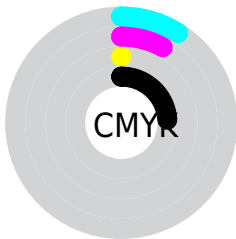
Blue (76%)



Red (69%)

Yellow (69%)

Blue (76%)

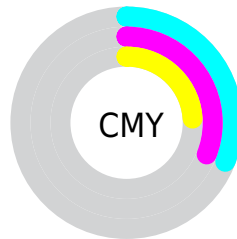


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5246, 0.2992, 0.3080 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 44.5246, 0.2992, 0.3080 by changing the saturation by 10% instead.

■ 44.5246, 0.2992,
0.3080

■ 44.5246, 0.2992,
0.3080

364.8448, 0.3060,
0.3185

■ 31.0831, 0.2975,
0.3054

■ 82.0066, 0.3017,
0.3118

■ 20.6622, 0.2953,
0.3020

106.8158, 0.3026,
0.3132

■ 12.8773, 0.2923,
0.2975

136.1832, 0.3034,
0.3145

■ 7.3441, 0.2881,
0.2913

170.4930, 0.3041,
0.3155

■ 3.6782, 0.2817,
0.2820

210.1297, 0.3047,
0.3164

■ 1.4952, 0.2710,
0.2667

255.4776, 0.3052,

■ 0.2854, 0.2242,

0.3172

0.1886

306.9212, 0.3056,
0.3179

0.0000, 0.0000,
0.0000

44.5246, 0.2992,
0.3080

44.5246, 0.2992,
0.3080

35.7342, 0.2821,
0.2812

54.5924, 0.3144,
0.3316

28.1647, 0.2633,
0.2515

65.9800, 0.3278,
0.3522

21.7638, 0.2431,
0.2192

78.7346, 0.3394,
0.3699

16.4734, 0.2223,
0.1855

92.8994, 0.3495,
0.3853

12.2300, 0.2019,
0.1520

96.6316, 0.3496,
0.3899

■ 8.9640, 0.1834,
0.1211

■ 6.5972, 0.1682,
0.0951

■ 5.0395, 0.1576,
0.0759

■ 4.1709, 0.1515,
0.0644

Harmonies

Analogous

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



44.5246, 0.2912, 0.3106



44.5246, 0.2992, 0.3080



44.5246, 0.3109, 0.3108

Triad

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



44.5246, 0.2992, 0.3080



44.5246, 0.3371, 0.3391



44.5246, 0.3020, 0.3401

Complementary

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



44.5246, 0.2992, 0.3080



52.1803, 0.3258, 0.3492

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.



44.5246, 0.3142, 0.3481



44.5246, 0.2992, 0.3080



44.5246, 0.3346, 0.3473

Square

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



44.5246, 0.2992, 0.3080



44.5246, 0.3330, 0.3285



44.5246, 0.3261, 0.3507



44.5246, 0.2928, 0.3290

Rectangle

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



44.5246, 0.2992, 0.3080



44.5246, 0.3193, 0.3154



44.5246, 0.3261, 0.3507



44.5246, 0.3059, 0.3432

Sweetspot

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



44.5265, 0.2992, 0.3080



89.8562, 0.3082, 0.3220



51.1829, 0.3001, 0.3304



18.9623, 0.3070, 0.3201



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.



44.5265, 0.2992, 0.3080



75.8296, 0.2954, 0.3020



45.0104, 0.3054, 0.3071



9.8423, 0.2983, 0.3066



2.7691, 0.1512, 0.0644



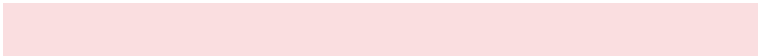
0.1536, 0.1556, 0.0802

Inverse Universe

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



45.5617, 0.3270, 0.3277



78.1513, 0.3313, 0.3274



51.6819, 0.3195, 0.3508



10.0874, 0.3280, 0.3277



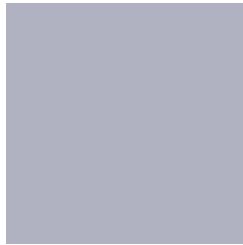
7.5618, 0.6327, 0.3259



0.3302, 0.6067, 0.3116

Previews

White Background



This preview shows how the Yxy color 44.5246, 0.2992, 0.3080 looks on a white background.

Color Contrast Check

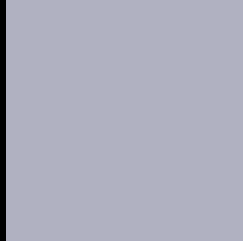
Large Text (above 18pt) WCAG AA × Fail

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 44.5246, 0.2992, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

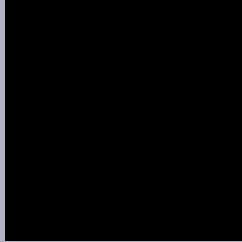
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

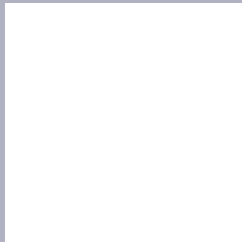
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5246, 0.2992, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 44.5246, 0.2992, 0.3080.

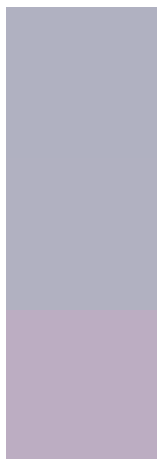


This preview shows how white text looks on a background with the Yxy color 44.5246, 0.2992, 0.3080.

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

44.5246, 0.2992, 0.3080

Protanopia

44.6416, 0.3001, 0.3081

Deuteranopia

44.4735, 0.3087, 0.3023



Tritanopia

44.4360, 0.3008, 0.3106

Trichromacy



Original Color

44.5246, 0.2992, 0.3080

Protanomaly

44.6416, 0.3001, 0.3081

Deuteranomaly

44.3575, 0.3052, 0.3033

Tritanomaly

44.4802, 0.3000, 0.3093

Monochromacy



Original Color

44.5246, 0.2992, 0.3080

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7665, 0.3079, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5246, 0.2992, 0.3080 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(176, 177, 193)` looks like.

```
.text, #text, p{  
    color:rgb(176, 177, 193)  
}
```

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(176, 177, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 177, 193) }
```

Border

The CSS property to change the border of an element to Yxy 44.5246, 0.2992, 0.3080 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(176, 177, 193) }
```

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

```
.border{ border-color:rgb(176, 177, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 177, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 177, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 177, 193);  
box-shadow:4px 4px 4px 4px rgb(176, 177,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5246, 0.2992, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 177, 193) }
```

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

```
.background{ background-color: rgb(176,  
177, 193) }
```

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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