

Converting Colors

$Y_{xy}(49.1859, 0.2979, 0.3222)$

Have a look what the booklet for
Yxy(49.1859, 0.2979, 0.3222)
contains.

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Color

Yxy(49.4042, 0.2978, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	AFBDC2
RGB	175, 189, 194
RGB Percent	69%, 74%, 76%
CMY	0.3136, 0.2588, 0.2392
CMYK	0.10, 0.03, 0.00, 0.24
HSL	196°, 13%, 72%
HSV	196°, 10%, 76%
XYZ	45.6204, 49.4042, 58.1667
YIQ	185.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

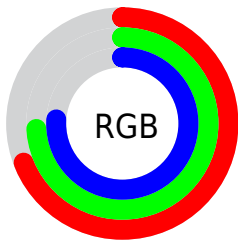
Format	Color
R _Y B	175, 183, 194
Decimal	11517378
CIE Lab	75.70, -3.79, -4.17
CIE LCh	76, 5.636, 227.783
Yxy	49.4042, 0.2978, 0.3225
Android (android.graphics.Color)	4289707458 (0xFFAFBDC2)
YUV	185.3840, 4.2477, -9.1068
Hunter-Lab	70.2881, -7.1491, 0.1364

Details

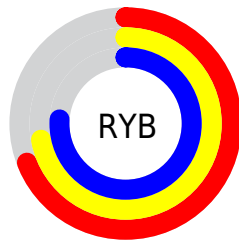
The Yxy color **49.4042, 0.2978, 0.3225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2247, 0.3290, 0.3354**, and the grayscale version is **48.7249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1959, 0.3009, 0.3239**, and **23.6393, 0.2936, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **45.1566, 0.2826, 0.3152**, and if you desaturate by 10%, it is **54.0562, 0.3131, 0.3291**.

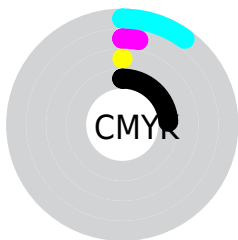
Distribution



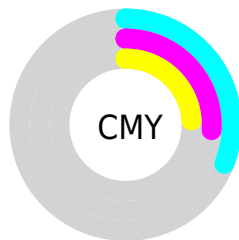
- Red (69%)
- Green (74%)
- Blue (76%)



- Red (69%)
- Yellow (72%)
- Blue (76%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.4042, 0.2978, 0.3225 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 49.4042, 0.2978, 0.3225 by changing the saturation by 10% instead.

■ 49.4042, 0.2978,
0.3225

■ 49.4042, 0.2978,
0.3225

384.3314, 0.3052,
0.3258

■ 34.9402, 0.2960,
0.3217

■ 89.2915, 0.3005,
0.3237

■ 23.6168, 0.2937,
0.3206

115.4836, 0.3015,
0.3241

■ 15.0496, 0.2906,
0.3192

146.3538, 0.3023,
0.3245

■ 8.8542, 0.2864,
0.3173

182.2867, 0.3030,
0.3248

■ 4.6462, 0.2803,
0.3143

223.6664, 0.3037,
0.3251

■ 2.0412, 0.2703,
0.3095

270.8775, 0.3042,

■ 0.6313, 0.2396,

0.3254

0.2980

324.3044, 0.3047,
0.3256

0.0000, 0.0000,
0.0000

49.4042, 0.2978,
0.3225

49.4042, 0.2978,
0.3225

45.1566, 0.2826,
0.3152

54.0562, 0.3131,
0.3291

41.2926, 0.2679,
0.3072

59.1200, 0.3282,
0.3351

37.7990, 0.2538,
0.2987

64.6105, 0.3430,
0.3404

34.6589, 0.2408,
0.2896

70.5402, 0.3573,
0.3452

31.8543, 0.2291,
0.2801

73.5447, 0.3580,
0.3502

■ 29.3650, 0.2191,
0.2704

■ 76.1856, 0.3568,
0.3554

■ 27.1682, 0.2110,
0.2605

■ 78.9088, 0.3556,
0.3604

■ 25.2371, 0.2048,
0.2507

■ 81.7149, 0.3545,
0.3654

■ 23.5219, 0.2003,
0.2409

■ 84.6046, 0.3533,
0.3704

Harmonies

Analogous

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



49.4042, 0.3004, 0.3293



49.4042, 0.2978, 0.3225



49.4042, 0.2992, 0.3176

Triad

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



49.4042, 0.2978, 0.3225



49.4042, 0.3191, 0.3221



49.4042, 0.3213, 0.3425

Complementary

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



49.4042, 0.2978, 0.3225



47.2247, 0.3290, 0.3354

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.



49.4042, 0.3264, 0.3404



49.4042, 0.2978, 0.3225



49.4042, 0.3252, 0.3286

Square

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



49.4042, 0.2978, 0.3225



49.4042, 0.3114, 0.3175



49.4042, 0.3279, 0.3352



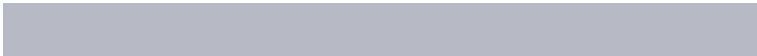
49.4042, 0.3139, 0.3409

Rectangle

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



49.4042, 0.2978, 0.3225



49.4042, 0.3021, 0.3160



49.4042, 0.3279, 0.3352



49.4042, 0.3233, 0.3422

Sweetspot

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



49.4063, 0.2978, 0.3225



95.0995, 0.3081, 0.3270



50.9864, 0.3081, 0.3475



20.6735, 0.3068, 0.3265



0.0000, 0.0000, 0.0000



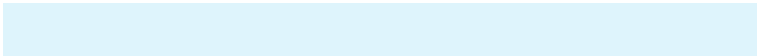
21.4041, 0.3127, 0.3290

Same Dimension

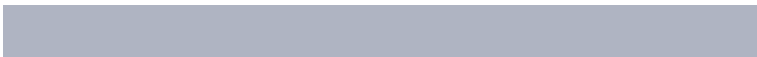
The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.4063, 0.2978, 0.3225



87.5882, 0.2941, 0.3208



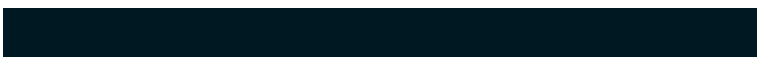
45.5670, 0.2977, 0.3104



10.9642, 0.2984, 0.3228



15.5804, 0.2006, 0.2420



0.7807, 0.2066, 0.2637

Inverse Universe

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



45.8184, 0.3179, 0.3115



79.6645, 0.3193, 0.3070



51.0711, 0.3277, 0.3469



10.2007, 0.3177, 0.3122



8.8551, 0.4002, 0.1979



0.3935, 0.3788, 0.1861

Previews

White Background



This preview shows how the Yxy color 49.4042, 0.2978, 0.3225 looks on a white background.

Color Contrast Check

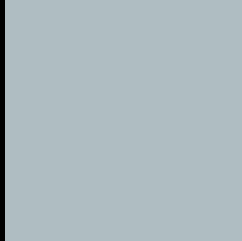
Large Text (above 18pt) WCAG AA × Fail

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 49.4042, 0.2978, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

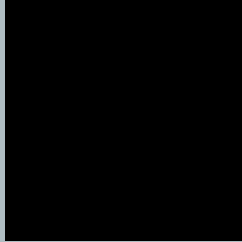
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

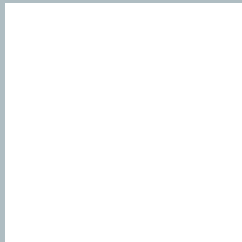
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.4042, 0.2978, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 49.4042, 0.2978, 0.3225.



This preview shows how white text looks on a background with the Yxy color 49.4042, 0.2978, 0.3225.

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

49.4042, 0.2978, 0.3225

Protanopia

49.1951, 0.3098, 0.3202

Deuteranopia

49.3126, 0.3170, 0.3107



Tritanopia

49.6253, 0.2929, 0.3099

Trichromacy



Original Color

49.4042, 0.2978, 0.3225

Protanomaly

49.0353, 0.3049, 0.3201

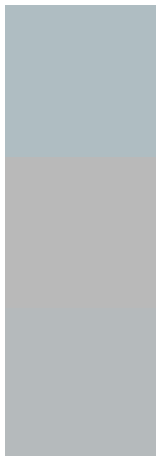
Deuteranomaly

49.2975, 0.3100, 0.3153

Tritanomaly

49.3667, 0.2942, 0.3136

Monochromacy



Original Color

49.4042, 0.2978, 0.3225

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.5724, 0.3071, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4042, 0.2978, 0.3225 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(175, 189, 194)` looks like.

```
.text, #text, p{  
    color:rgb(175, 189, 194)  
}
```

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(175, 189, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 189, 194) }
```

Border

The CSS property to change the border of an element to Yxy 49.4042, 0.2978, 0.3225 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(175, 189, 194) }
```

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

```
.border{ border-color:rgb(175, 189, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 189, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 189, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 189, 194);  
box-shadow:4px 4px 4px 4px rgb(175, 189,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4042, 0.2978, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 189, 194) }
```

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

```
.background{ background-color: rgb(175,  
189, 194) }
```

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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