

Converting Colors

$Yxy(50.1342, 0.2957, 0.3187)$

Have a look what the booklet for
Yxy(50.1342, 0.2957, 0.3187)
contains.

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Color

Yxy(50.1342, 0.2957, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	B0BEC6
RGB	176, 190, 198
RGB Percent	69%, 75%, 78%
CMY	0.3097, 0.2549, 0.2235
CMYK	0.11, 0.04, 0.00, 0.22
HSL	202°, 16%, 73%
HSV	202°, 11%, 78%
XYZ	46.5161, 50.1342, 60.6581
YIQ	186.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

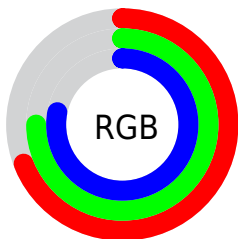
Format	Color
RYB	176, 185, 198
Decimal	11583174
CIELab	76.15, -3.18, -5.68
CIELCh	76, 6.512, 240.782
Yxy	50.1342, 0.2957, 0.3187
Android (android.graphics.Color)	4289773254 (0xFFB0BEC6)
YUV	186.7260, 5.5581, -9.4067
Hunter-Lab	70.8055, -6.6430, -1.2291

Details

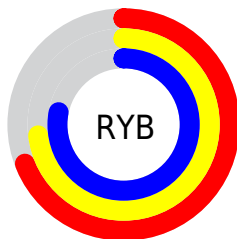
The Yxy color **50.1342, 0.2957, 0.3187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4416, 0.3311, 0.3391**, and the grayscale version is **49.5079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2873, 0.2987, 0.3200**, and **24.1159, 0.2909, 0.3167** is the 20% darker color. If you saturate the color by 10%, you get **44.9432, 0.2802, 0.3084**, and if you desaturate by 10%, it is **55.8210, 0.3110, 0.3280**.

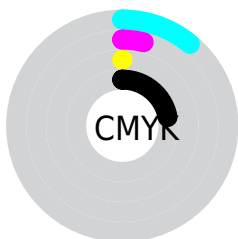
Distribution



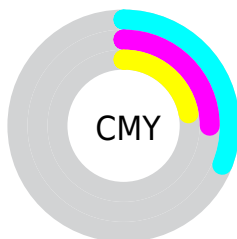
- Red (69%)
- Green (75%)
- Blue (78%)



- Red (69%)
- Yellow (73%)
- Blue (78%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1342, 0.2957, 0.3187 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 50.1342, 0.2957, 0.3187 by changing the saturation by 10% instead.

■ 50.1342, 0.2957,
0.3187

■ 50.1342, 0.2957,
0.3187

387.1905, 0.3041,
0.3238

■ 35.5200, 0.2937,
0.3174

■ 90.3737, 0.2987,
0.3206

■ 24.0637, 0.2910,
0.3158

116.7678, 0.2999,
0.3213

■ 15.3809, 0.2876,
0.3136

147.8573, 0.3008,
0.3219

■ 9.0872, 0.2829,
0.3106

184.0267, 0.3017,
0.3224

■ 4.7981, 0.2760,
0.3062

225.6603, 0.3024,
0.3228

■ 2.1293, 0.2650,
0.2989

273.1426, 0.3030,

■ 0.6810, 0.2373,

0.3232

0.2837

326.8578, 0.3036,
0.3235

0.0000, 0.0000,
0.0000

50.1342, 0.2957,
0.3187

50.1342, 0.2957,
0.3187

44.9432, 0.2802,
0.3084

55.8210, 0.3110,
0.3280

40.2250, 0.2648,
0.2971

62.0132, 0.3260,
0.3364

35.9638, 0.2499,
0.2849

68.7278, 0.3405,
0.3438

32.1406, 0.2358,
0.2720

75.9352, 0.3541,
0.3504

28.7343, 0.2230,
0.2584

79.7815, 0.3525,
0.3576

■ 25.7220, 0.2117,
0.2444

■ 83.7931, 0.3510,
0.3646

■ 23.0777, 0.2024,
0.2304

■ 87.9721, 0.3495,
0.3715

■ 20.7706, 0.1951,
0.2165

■ 92.3203, 0.3480,
0.3783

■ 18.9530, 0.1901,
0.2043

■ 96.8397, 0.3466,
0.3850

Harmonies

Analogous

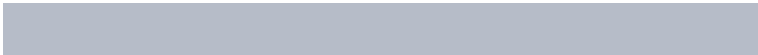
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.1342, 0.2967, 0.3258



50.1342, 0.2957, 0.3187



50.1342, 0.2991, 0.3145

Triad

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



50.1342, 0.2957, 0.3187



50.1342, 0.3235, 0.3242



50.1342, 0.3191, 0.3443

Complementary

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



50.1342, 0.2957, 0.3187



49.4416, 0.3311, 0.3391

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.



50.1342, 0.3264, 0.3436



50.1342, 0.2957, 0.3187



50.1342, 0.3290, 0.3319

Square

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



50.1342, 0.2957, 0.3187



50.1342, 0.3151, 0.3177



50.1342, 0.3300, 0.3390



50.1342, 0.3101, 0.3407

Rectangle

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



50.1342, 0.2957, 0.3187



50.1342, 0.3036, 0.3139



50.1342, 0.3300, 0.3390



50.1342, 0.3218, 0.3445

Sweetspot

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



50.1363, 0.2957, 0.3187



96.8112, 0.3081, 0.3263



53.0761, 0.3059, 0.3474



20.5422, 0.3068, 0.3256



0.0000, 0.0000, 0.0000



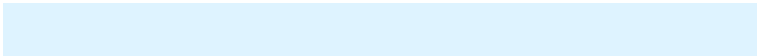
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1363, 0.2957, 0.3187



86.7754, 0.2925, 0.3166



45.6812, 0.2955, 0.3048



11.3921, 0.2984, 0.3204



12.4914, 0.1906, 0.2062



0.7259, 0.1985, 0.2347

Inverse Universe

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



46.7859, 0.3205, 0.3117



79.8888, 0.3222, 0.3083



54.0456, 0.3296, 0.3521



10.7485, 0.3192, 0.3144



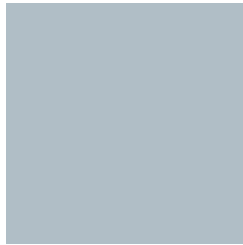
8.8010, 0.4384, 0.2188



0.4303, 0.4078, 0.2020

Previews

White Background



This preview shows how the Yxy color 50.1342, 0.2957, 0.3187 looks on a white background.

Color Contrast Check

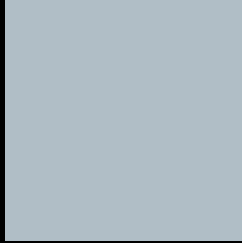
Large Text (above 18pt) WCAG AA × Fail

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 50.1342, 0.2957, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

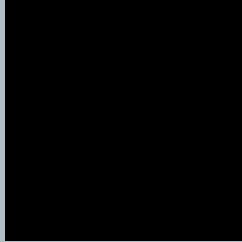
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

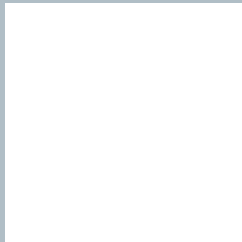
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1342, 0.2957, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 50.1342, 0.2957, 0.3187.



This preview shows how white text looks on a background with the Yxy color 50.1342, 0.2957, 0.3187.

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

50.1342, 0.2957, 0.3187

Protanopia

49.7947, 0.3067, 0.3165

Deuteranopia

49.9054, 0.3137, 0.3072



Tritanopia

50.1019, 0.2922, 0.3100

Trichromacy



Original Color

50.1342, 0.2957, 0.3187

Protanomaly

49.7622, 0.3027, 0.3164

Deuteranomaly

49.8978, 0.3069, 0.3116

Tritanomaly

50.0066, 0.2936, 0.3124

Monochromacy



Original Color

50.1342, 0.2957, 0.3187

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7953, 0.3064, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1342, 0.2957, 0.3187 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, 190, 198)` looks like.

```
.text, #text, p{  
    color:rgb(176, 190, 198)  
}
```

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, 190, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 190, 198) }
```

Border

The CSS property to change the border of an element to Yxy 50.1342, 0.2957, 0.3187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

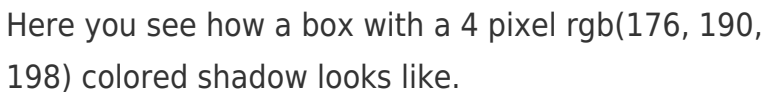
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 190, 198) }
```

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

```
.border{ border-color:rgb(176, 190, 198) }
```

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



Here you see how a box with a 4 pixel rgb(176, 190, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 190, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 190, 198);  
box-shadow:4px 4px 4px 4px rgb(176, 190,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1342, 0.2957, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 190, 198) }
```

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

```
.background{ background-color: rgb(176,  
190, 198) }
```

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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