

Converting Colors

Yxy(50.2233, 0.3172, 0.3419)

Have a look what the booklet for
Yxy(50.2233, 0.3172, 0.3419)
contains.

Yxy(50.0890, 0.3179, 0.3418)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.0890, 0.3179, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	BABDB3
RGB	186, 189, 179
RGB Percent	73%, 74%, 70%
CMY	0.2706, 0.2588, 0.2980
CMYK	0.02, 0.00, 0.05, 0.26
HSL	78°, 7%, 72%
HSV	78°, 5%, 74%
XYZ	46.5866, 50.0890, 49.8692
YIQ	186.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

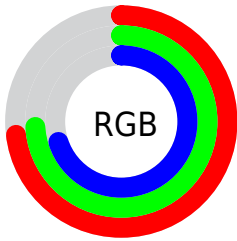
Format	Color
RYB	179, 189, 182
Decimal	12238259
CIELab	76.12, -2.86, 4.67
CIELCh	76, 5.475, 121.497
Yxy	50.0890, 0.3179, 0.3418
Android (android.graphics.Color)	4290428339 (0xFFBABDB3)
YUV	186.9630, -3.9258, -0.8446
Hunter-Lab	70.7736, -6.3565, 7.7640

Details

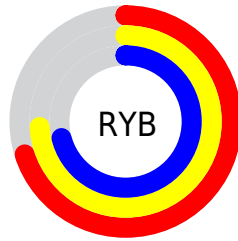
The Yxy color **50.0890, 0.3179, 0.3418** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8678, 0.3074, 0.3161**, and the grayscale version is **49.6963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1802, 0.3168, 0.3390**, and **24.1012, 0.3198, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **48.6822, 0.3278, 0.3673**, and if you desaturate by 10%, it is **51.6331, 0.3082, 0.3180**.

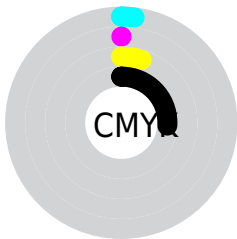
Distribution



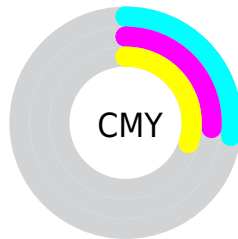
- Red (73%)
- Green (74%)
- Blue (70%)



- Red (70%)
- Yellow (74%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (26%)



- Cyan (27%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0890, 0.3179, 0.3418 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 50.0890, 0.3179, 0.3418 by changing the saturation by 10% instead.

■ 50.0890, 0.3179,
0.3418

■ 50.0890, 0.3179,
0.3418

387.0139, 0.3154,
0.3354

■ 35.4841, 0.3185,
0.3434

■ 90.3067, 0.3170,
0.3395

■ 24.0360, 0.3193,
0.3454

116.6884, 0.3166,
0.3386

■ 15.3604, 0.3203,
0.3481

147.7644, 0.3163,
0.3379

■ 9.0727, 0.3218,
0.3518

183.9192, 0.3161,
0.3373

■ 4.7886, 0.3239,
0.3574

225.5371, 0.3159,
0.3367

■ 2.1238, 0.3272,
0.3665

273.0026, 0.3157,

■ 0.6779, 0.3452,

0.3362

0.4074

326.7001, 0.3155,
0.3358

0.0000, 0.0000,
0.0000

50.0890, 0.3179,
0.3418

50.0890, 0.3179,
0.3418

48.6822, 0.3278,
0.3673

51.6331, 0.3082,
0.3180

47.4017, 0.3377,
0.3940

53.3122, 0.2988,
0.2960

46.2448, 0.3470,
0.4213

55.1328, 0.2899,
0.2760

45.2062, 0.3555,
0.4484

57.0986, 0.2817,
0.2578

44.2804, 0.3625,
0.4741

57.9628, 0.2855,
0.2582

■ 43.4611, 0.3676,
0.4974

■ 58.8320, 0.2896,
0.2591

■ 42.7414, 0.3705,
0.5171

■ 59.7312, 0.2937,
0.2599

■ 42.1133, 0.3708,
0.5323

■ 60.6606, 0.2979,
0.2608

■ 41.5672, 0.3687,
0.5427

■ 61.6206, 0.3022,
0.2616

Harmonies

Analogous

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



50.0890, 0.3241, 0.3414



50.0890, 0.3179, 0.3418



50.0890, 0.3104, 0.3387

Triad

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



50.0890, 0.3179, 0.3418



50.0890, 0.2984, 0.3202



50.0890, 0.3219, 0.3251

Complementary

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



50.0890, 0.3179, 0.3418



45.8678, 0.3074, 0.3161

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.



50.0890, 0.3149, 0.3196



50.0890, 0.3179, 0.3418



50.0890, 0.3014, 0.3168

Square

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



50.0890, 0.3179, 0.3418



50.0890, 0.2992, 0.3262



50.0890, 0.3074, 0.3166



50.0890, 0.3264, 0.3316

Rectangle

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



50.0890, 0.3179, 0.3418



50.0890, 0.3056, 0.3351



50.0890, 0.3074, 0.3166



50.0890, 0.3198, 0.3231

Sweetspot

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



50.0912, 0.3179, 0.3418



90.5833, 0.3147, 0.3339



47.4673, 0.3211, 0.3327



19.4856, 0.3146, 0.3336



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.



50.0912, 0.3179, 0.3418



89.4981, 0.3187, 0.3438



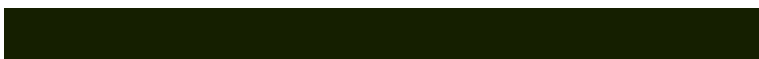
49.4967, 0.3139, 0.3420



11.0626, 0.3191, 0.3449



27.8482, 0.3679, 0.5461



1.1233, 0.3807, 0.5359

Inverse Universe

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



45.8678, 0.3074, 0.3161



80.8161, 0.3065, 0.3140



46.4658, 0.3115, 0.3162



9.9121, 0.3060, 0.3129



3.0859, 0.1712, 0.0717



0.1560, 0.1990, 0.0870

Previews

White Background



This preview shows how the Yxy color 50.0890, 0.3179, 0.3418 looks on a white background.

Color Contrast Check

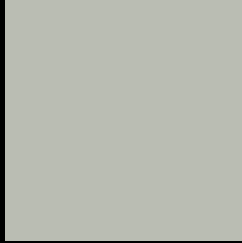
Large Text (above 18pt) WCAG AA × Fail

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 50.0890, 0.3179, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

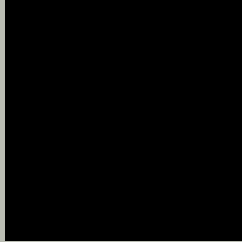
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

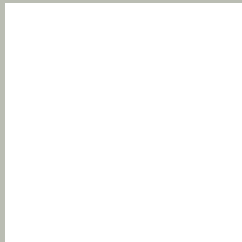
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0890, 0.3179, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 50.0890, 0.3179, 0.3418.



This preview shows how white text looks on a background with the Yxy color 50.0890, 0.3179, 0.3418.

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

50.0890, 0.3179, 0.3418

Protanopia

50.0925, 0.3248, 0.3404

Deuteranopia

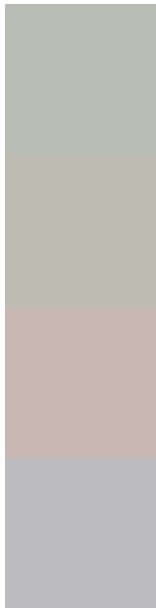
49.7938, 0.3362, 0.3291



Tritanopia

50.1068, 0.3045, 0.3116

Trichromacy



Original Color

50.0890, 0.3179, 0.3418

Protanomaly

50.1279, 0.3221, 0.3417

Deuteranomaly

49.8556, 0.3296, 0.3340

Tritanomaly

50.0378, 0.3097, 0.3227

Monochromacy



Original Color

50.0890, 0.3179, 0.3418

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.9919, 0.3150, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0890, 0.3179, 0.3418 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(186, 189, 179)` looks like.

```
.text, #text, p{  
    color:rgb(186, 189, 179)  
}
```

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(186, 189, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 189, 179) }
```

Border

The CSS property to change the border of an element to Yxy 50.0890, 0.3179, 0.3418 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(186, 189, 179) }
```

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

```
.border{ border-color:rgb(186, 189, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 189, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 189, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 189, 179); box-shadow:4px 4px 4px 4px rgb(186, 189, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0890, 0.3179, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 189, 179) }
```

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

```
.background{ background-color: rgb(186,  
189, 179) }
```

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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