

Converting Colors

Yxy(50.2559, 0.3135, 0.3464)

Have a look what the booklet for
Yxy(50.2559, 0.3135, 0.3464)
contains.

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Color

Yxy(50.1793, 0.3136, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	B4BFB2
RGB	180, 191, 178
RGB Percent	71%, 75%, 70%
CMY	0.2940, 0.2510, 0.3020
CMYK	0.06, 0.00, 0.07, 0.25
HSL	111°, 9%, 72%
HSV	111°, 7%, 75%
XYZ	45.4936, 50.1793, 49.3959
YIQ	186.2290, -2.3830, -6.3750

Conversions

Conversions Part 2

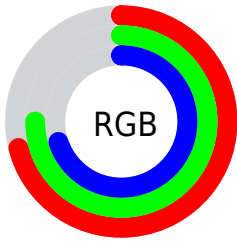
Format	Color
RYB	178, 191, 189
Decimal	11845554
CIELab	76.18, -6.21, 5.25
CIELCh	76, 8.131, 139.755
Yxy	50.1793, 0.3136, 0.3459
Android (android.graphics.Color)	4290035634 (0xFFB4BFB2)
YUV	186.2290, -4.0569, -5.4628
Hunter-Lab	70.8373, -9.3280, 8.2424

Details

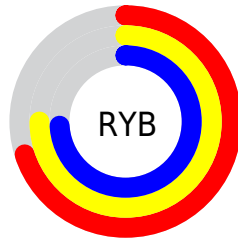
The Yxy color **50.1793, 0.3136, 0.3459** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4053, 0.3117, 0.3125**, and the grayscale version is **49.2654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2949, 0.3134, 0.3421**, and **24.1697, 0.3138, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **47.6470, 0.3148, 0.3733**, and if you desaturate by 10%, it is **53.0466, 0.3123, 0.3216**.

Distribution



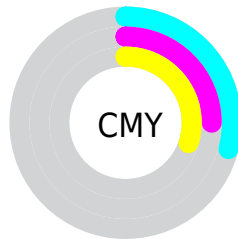
- Red (71%)
- Green (75%)
- Blue (70%)



- Red (70%)
- Yellow (75%)
- Blue (74%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (29%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1793, 0.3136, 0.3459 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 50.1793, 0.3136, 0.3459 by changing the saturation by 10% instead.

■ 50.1793, 0.3136,
0.3459

■ 50.1793, 0.3136,
0.3459

387.3667, 0.3132,
0.3375

■ 35.5559, 0.3137,
0.3480

■ 90.4405, 0.3135,
0.3428

■ 24.0914, 0.3138,
0.3507

116.8470, 0.3134,
0.3417

■ 15.4014, 0.3139,
0.3543

147.9501, 0.3134,
0.3407

■ 9.1016, 0.3140,
0.3593

184.1340, 0.3133,
0.3399

■ 4.8075, 0.3142,
0.3668

225.7833, 0.3133,
0.3392

■ 2.1348, 0.3143,
0.3793

273.2822, 0.3133,

■ 0.6841, 0.3196,

0.3385

0.4384

327.0152, 0.3132,
0.3380

0.0000, 0.0000,
0.0000

50.1793, 0.3136,
0.3459

50.1793, 0.3136,
0.3459

47.6470, 0.3148,
0.3733

53.0466, 0.3123,
0.3216

45.4314, 0.3156,
0.4035

56.2540, 0.3109,
0.3002

43.5218, 0.3161,
0.4361

59.8143, 0.3095,
0.2815

41.9045, 0.3160,
0.4701

63.7380, 0.3081,
0.2653

40.5651, 0.3153,
0.5038

65.7402, 0.3157,
0.2663

■ 39.4875, 0.3137,
0.5350

■ 38.6541, 0.3114,
0.5616

■ 38.0451, 0.3085,
0.5813

■ 37.6362, 0.3054,
0.5934

Harmonies

Analogous

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



50.1793, 0.3244, 0.3484



50.1793, 0.3136, 0.3459



50.1793, 0.3028, 0.3386

Triad

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



50.1793, 0.3136, 0.3459



50.1793, 0.2936, 0.3123



50.1793, 0.3311, 0.3290

Complementary

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



50.1793, 0.3136, 0.3459



46.4053, 0.3117, 0.3125

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.



50.1793, 0.3226, 0.3197



50.1793, 0.3136, 0.3459



50.1793, 0.3010, 0.3102

Square

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



50.1793, 0.3136, 0.3459



50.1793, 0.2913, 0.3190



50.1793, 0.3115, 0.3129



50.1793, 0.3346, 0.3384

Rectangle

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



50.1793, 0.3136, 0.3459



50.1793, 0.2969, 0.3321



50.1793, 0.3115, 0.3129



50.1793, 0.3287, 0.3257

Sweetspot

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



50.1815, 0.3136, 0.3459



92.2584, 0.3130, 0.3339



50.6104, 0.3229, 0.3428



20.2705, 0.3130, 0.3336



97.7402, 0.3127, 0.3290



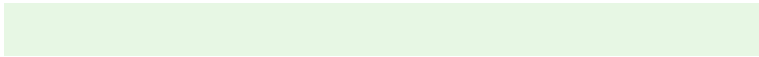
20.4902, 0.3127, 0.3290

Same Dimension

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



50.1815, 0.3136, 0.3459



89.2502, 0.3138, 0.3493



50.1133, 0.3087, 0.3403



10.7201, 0.3139, 0.3525



24.6944, 0.3051, 0.5959



0.9904, 0.3190, 0.5849

Inverse Universe

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



46.4053, 0.3117, 0.3125



81.2561, 0.3115, 0.3092



46.4819, 0.3170, 0.3180



9.6179, 0.3113, 0.3062



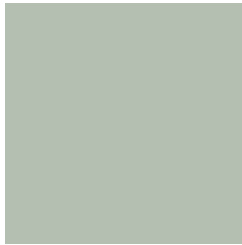
7.4678, 0.2817, 0.1326



0.3133, 0.2917, 0.1380

Previews

White Background



This preview shows how the Yxy color 50.1793, 0.3136, 0.3459 looks on a white background.

Color Contrast Check

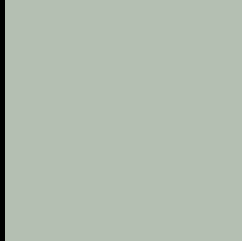
Large Text (above 18pt) WCAG AA × Fail

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 50.1793, 0.3136, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

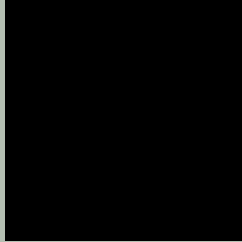
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

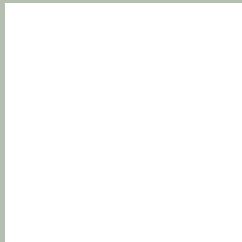
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1793, 0.3136, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 50.1793, 0.3136, 0.3459.



This preview shows how white text looks on a background with the Yxy color 50.1793, 0.3136, 0.3459.

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

50.1793, 0.3136, 0.3459

Protanopia

50.1446, 0.3273, 0.3429

Deuteranopia

49.8983, 0.3380, 0.3303



Tritanopia

49.9953, 0.2990, 0.3102

Trichromacy



Original Color

50.1793, 0.3136, 0.3459

Protanomaly

49.9596, 0.3221, 0.3431

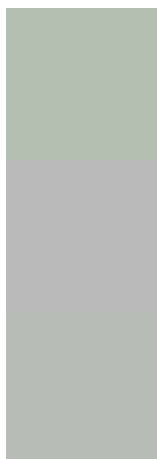
Deuteranomaly

49.9584, 0.3286, 0.3365

Tritanomaly

49.8840, 0.3049, 0.3226

Monochromacy



Original Color

50.1793, 0.3136, 0.3459

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.5757, 0.3132, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1793, 0.3136, 0.3459 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(180, 191, 178)` looks like.

```
.text, #text, p{  
    color:rgb(180, 191, 178)  
}
```

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(180, 191, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 191, 178) }
```

Border

The CSS property to change the border of an element to Yxy 50.1793, 0.3136, 0.3459 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(180, 191, 178) }
```

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

```
.border{ border-color:rgb(180, 191, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 191, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 191, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 191, 178);  
box-shadow:4px 4px 4px 4px rgb(180, 191,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1793, 0.3136, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 191, 178) }
```

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

```
.background{ background-color: rgb(180,  
191, 178) }
```

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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