

Converting Colors

$Yxy(50.5935, 0.3151, 0.3393)$

Have a look what the booklet for
Yxy(50.5935, 0.3151, 0.3393)
contains.

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Color

Yxy(50.5186, 0.3147, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	B9BEB6
RGB	185, 190, 182
RGB Percent	73%, 75%, 71%
CMY	0.2744, 0.2549, 0.2862
CMYK	0.03, 0.00, 0.04, 0.25
HSL	97°, 6%, 73%
HSV	97°, 4%, 75%
XYZ	46.8697, 50.5186, 51.5462
YIQ	187.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

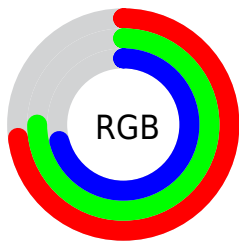
Format	Color
RYB	182, 190, 187
Decimal	12172982
CIELab	76.39, -3.20, 3.41
CIELCh	76, 4.675, 133.122
Yxy	50.5186, 0.3147, 0.3392
Android (android.graphics.Color)	4290363062 (0xFFB9BEB6)
YUV	187.5930, -2.7573, -2.2741
Hunter-Lab	71.0764, -6.6761, 6.7551

Details

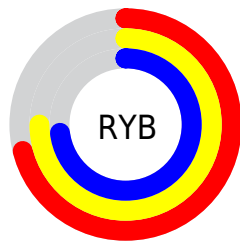
The Yxy color **50.5186, 0.3147, 0.3392** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7453, 0.3107, 0.3189**, and the grayscale version is **50.0660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7854, 0.3143, 0.3370**, and **24.3818, 0.3154, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **48.3747, 0.3194, 0.3653**, and if you desaturate by 10%, it is **52.8963, 0.3100, 0.3156**.

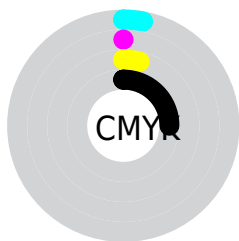
Distribution



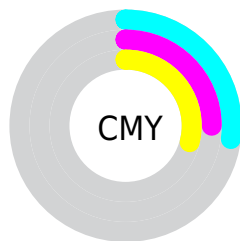
- Red (73%)
- Green (75%)
- Blue (71%)



- Red (71%)
- Yellow (75%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)





- Cyan (27%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5186, 0.3147, 0.3392 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 50.5186, 0.3147, 0.3392 by changing the saturation by 10% instead.

 50.5186, 0.3147,
0.3392

 50.5186, 0.3147,
0.3392


388.6905, 0.3137,
0.3341

 35.8256, 0.3149,
0.3405


 90.9428, 0.3144,
0.3374

 24.2996, 0.3152,
0.3421

117.4428, 0.3142,
0.3367

 15.5560, 0.3156,
0.3442


148.6473, 0.3141,
0.3361

 9.2105, 0.3161,
0.3471

184.9406, 0.3140,
0.3356

 4.8787, 0.3169,
0.3515

226.7072, 0.3139,
0.3352

 2.1763, 0.3181,
0.3587

274.3315, 0.3139,

 0.7070, 0.3242,

0.3348

0.3859

328.1978, 0.3138,
0.3344

0.0000, 0.0000,
0.0000

50.5186, 0.3147,
0.3392

50.5186, 0.3147,
0.3392

48.3747, 0.3194,
0.3653

52.8963, 0.3100,
0.3156

46.4507, 0.3238,
0.3936

55.5081, 0.3054,
0.2945

44.7413, 0.3278,
0.4238

58.3628, 0.3009,
0.2758

43.2383, 0.3309,
0.4551

61.2708, 0.2987,
0.2620

41.9331, 0.3329,
0.4862

63.3257, 0.3076,
0.2637

■ 40.8161, 0.3333,
0.5156

■ 65.3056, 0.3157,
0.2653

■ 39.8773, 0.3321,
0.5414

■ 39.1050, 0.3290,
0.5621

■ 38.4860, 0.3244,
0.5767

Harmonies

Analogous

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



50.5186, 0.3206, 0.3400



50.5186, 0.3147, 0.3392



50.5186, 0.3083, 0.3356

Triad

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



50.5186, 0.3147, 0.3392



50.5186, 0.3012, 0.3201



50.5186, 0.3224, 0.3278

Complementary

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



50.5186, 0.3147, 0.3392



47.7453, 0.3107, 0.3189

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.



50.5186, 0.3171, 0.3226



50.5186, 0.3147, 0.3392



50.5186, 0.3048, 0.3182

Square

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



50.5186, 0.3147, 0.3392



50.5186, 0.3005, 0.3245



50.5186, 0.3107, 0.3191



50.5186, 0.3251, 0.3334

Rectangle

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



50.5186, 0.3147, 0.3392



50.5186, 0.3046, 0.3321



50.5186, 0.3107, 0.3191



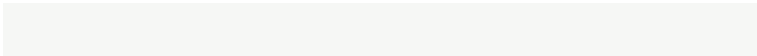
50.5186, 0.3208, 0.3260

Sweetspot

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



50.5208, 0.3147, 0.3392



92.8789, 0.3132, 0.3314



49.8396, 0.3191, 0.3353



20.4001, 0.3132, 0.3313



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.



50.5208, 0.3147, 0.3392



91.1949, 0.3151, 0.3414



50.1898, 0.3115, 0.3381



10.9989, 0.3154, 0.3427



25.4333, 0.3223, 0.5823



1.0339, 0.3422, 0.5665

Inverse Universe

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



47.7453, 0.3107, 0.3189



85.1441, 0.3102, 0.3167



48.0874, 0.3139, 0.3201



10.1942, 0.3099, 0.3154



5.1017, 0.2294, 0.1038



0.2361, 0.2516, 0.1160

Previews

White Background



This preview shows how the Yxy color 50.5186, 0.3147, 0.3392 looks on a white background.

Color Contrast Check

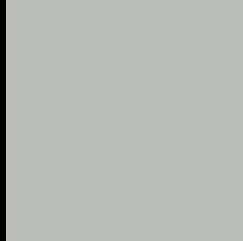
Large Text (above 18pt) WCAG AA × Fail

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 50.5186, 0.3147, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

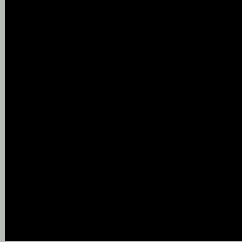
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

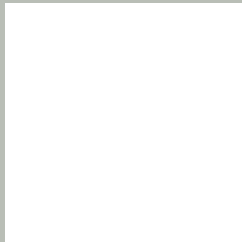
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5186, 0.3147, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 50.5186, 0.3147, 0.3392.



This preview shows how white text looks on a background with the Yxy color 50.5186, 0.3147, 0.3392.

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

50.5186, 0.3147, 0.3392

Protanopia

50.2143, 0.3224, 0.3366

Deuteranopia

50.3265, 0.3336, 0.3266



Tritanopia

50.4963, 0.3022, 0.3104

Trichromacy



Original Color

50.5186, 0.3147, 0.3392

Protanomaly

50.2498, 0.3198, 0.3379

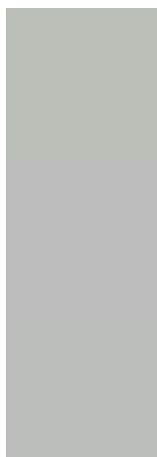
Deuteranomaly

50.3962, 0.3270, 0.3315

Tritanomaly

50.4714, 0.3066, 0.3202

Monochromacy



Original Color

50.5186, 0.3147, 0.3392

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5052, 0.3134, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5186, 0.3147, 0.3392 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(185, 190, 182)` looks like.

```
.text, #text, p{  
    color:rgb(185, 190, 182)  
}
```

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(185, 190, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 190, 182) }
```

Border

The CSS property to change the border of an element to Yxy 50.5186, 0.3147, 0.3392 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(185, 190, 182) }
```

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

```
.border{ border-color:rgb(185, 190, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 190, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 190, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 190, 182);  
box-shadow:4px 4px 4px 4px rgb(185, 190,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5186, 0.3147, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 190, 182) }
```

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

```
.background{ background-color: rgb(185,  
190, 182) }
```

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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