

Converting Colors

$Yxy(57.6745, 0.3254, 0.3964)$

Have a look what the booklet for
Yxy(57.6745, 0.3254, 0.3964)
contains.

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Color

Yxy(57.5002, 0.3253, 0.3959)

Conversions

Conversions Part 1

Format	Color
Hex	B2D19D
RGB	178, 209, 157
RGB Percent	70%, 82%, 62%
CMY	0.3019, 0.1804, 0.3844
CMYK	0.15, 0.00, 0.25, 0.18
HSL	96°, 36%, 72%
HSV	96°, 25%, 82%
XYZ	47.2463, 57.5002, 40.4927
YIQ	193.8030, -1.7840, -22.7440

Conversions

Conversions Part 2

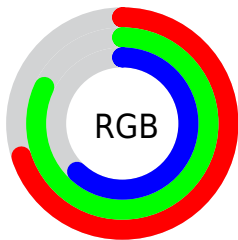
Format	Color
RYB	157, 209, 188
Decimal	11719069
CIELab	80.46, -19.70, 22.49
CIELCh	80, 29.894, 131.221
Yxy	57.5002, 0.3253, 0.3959
Android (android.graphics.Color)	4289909149 (0xFFB2D19D)
YUV	193.8030, -18.1439, -13.8592
Hunter-Lab	75.8289, -21.4835, 21.4193

Details

The Yxy color **57.5002, 0.3253, 0.3959** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.3940, 0.2967, 0.2639**, and the grayscale version is **53.9374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7659, 0.3244, 0.3729**, and **28.4911, 0.3283, 0.4145** is the 20% darker color. If you saturate the color by 10%, you get **55.4425, 0.3297, 0.4262**, and if you desaturate by 10%, it is **59.8187, 0.3204, 0.3673**.

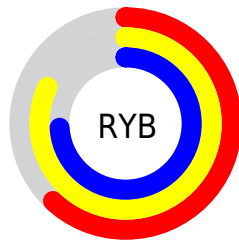
Distribution



Red (70%)

Green (82%)

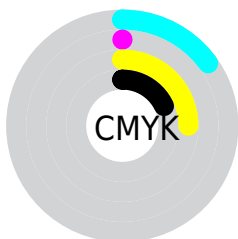
Blue (62%)



Red (62%)

Yellow (82%)

Blue (74%)

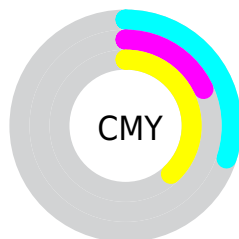


Cyan (15%)

Magenta (0%)

Yellow (25%)

Black (18%)



Cyan (30%)

Magenta (18%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5002, 0.3253, 0.3959 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 57.5002, 0.3253, 0.3959 by changing the saturation by 10% instead.

 57.5002, 0.3253,
0.3959

 57.5002, 0.3253,
0.3959

415.3210, 0.3199,
0.3625

 41.4070, 0.3264,
0.4042


 101.1947, 0.3235,
0.3838

 28.6372, 0.3276,
0.4147


 129.5647, 0.3228,
0.3793

 18.8066, 0.3290,
0.4286


162.7958, 0.3222,
0.3754

 11.5306, 0.3304,
0.4478

201.2724, 0.3216,
0.3721

 6.4249, 0.3314,
0.4758

245.3788, 0.3211,
0.3692

 3.1051, 0.3306,
0.5198

295.4994, 0.3206,

 1.1869, 0.3430,

0.3667

0.6570

352.0187, 0.3202,
0.3645

0.0509, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.5002, 0.3253,
0.3959

57.5002, 0.3253,
0.3959

55.4425, 0.3297,
0.4262

59.8187, 0.3204,
0.3673

53.6282, 0.3332,
0.4574

62.3995, 0.3153,
0.3410

52.0496, 0.3354,
0.4881

65.2540, 0.3101,
0.3171

50.6951, 0.3360,
0.5170

68.3904, 0.3050,
0.2957

■ 49.5525, 0.3348,
0.5421

■ 71.3925, 0.3043,
0.2826

■ 48.6076, 0.3316,
0.5619

■ 73.6496, 0.3132,
0.2839

■ 47.8441, 0.3268,
0.5756

■ 74.0828, 0.3148,
0.2841

■ 47.5119, 0.3241,
0.5809

Harmonies

Analogous

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



57.5002, 0.3616, 0.3969



57.5002, 0.3253, 0.3959



57.5002, 0.2871, 0.3732

Triad

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



57.5002, 0.3253, 0.3959



57.5002, 0.2440, 0.2754



57.5002, 0.3708, 0.3180

Complementary

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



57.5002, 0.3253, 0.3959



39.3940, 0.2967, 0.2639

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.



57.5002, 0.3360, 0.2901



57.5002, 0.3253, 0.3959



57.5002, 0.2633, 0.2657

Square

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



57.5002, 0.3253, 0.3959



57.5002, 0.2417, 0.3005



57.5002, 0.2964, 0.2714



57.5002, 0.3893, 0.3498

Rectangle

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



57.5002, 0.3253, 0.3959



57.5002, 0.2656, 0.3495



57.5002, 0.2964, 0.2714



57.5002, 0.3605, 0.3080

Sweetspot

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



57.5027, 0.3253, 0.3959



96.9423, 0.3164, 0.3466



51.6672, 0.3559, 0.3662



20.6954, 0.3167, 0.3481



0.0000, 0.0000, 0.0000



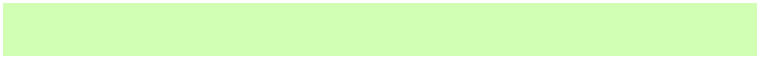
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5027, 0.3253, 0.3959



88.3736, 0.3278, 0.4122



55.3520, 0.3066, 0.3932



13.4363, 0.3176, 0.3526



29.3473, 0.3251, 0.5801



1.6867, 0.3398, 0.5684

Inverse Universe

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



39.3940, 0.2967, 0.2639



55.1175, 0.2923, 0.2485



42.0516, 0.3194, 0.2723



11.7607, 0.3074, 0.3056



5.5613, 0.2228, 0.1001



0.3566, 0.2406, 0.1099

Previews

White Background



This preview shows how the Yxy color 57.5002, 0.3253, 0.3959 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 57.5002, 0.3253, 0.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

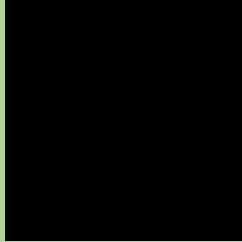
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5002, 0.3253, 0.3959

Background



This preview shows how black text looks on a background with the Yxy color 57.5002, 0.3253, 0.3959.



This preview shows how white text looks on a background with the Yxy color 57.5002, 0.3253, 0.3959.

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

57.5002, 0.3253, 0.3959

Protanopia

57.2600, 0.3599, 0.3850

Deuteranopia

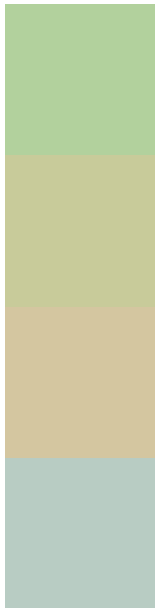
56.9906, 0.3717, 0.3631



Tritanopia

57.3478, 0.2912, 0.3098

Trichromacy



Original Color

57.5002, 0.3253, 0.3959

Protanomaly

57.3243, 0.3463, 0.3892

Deuteranomaly

56.9233, 0.3532, 0.3744

Tritanomaly

57.3162, 0.3039, 0.3401

Monochromacy



Original Color

57.5002, 0.3253, 0.3959

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.8744, 0.3172, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5002, 0.3253, 0.3959 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(178, 209, 157)` looks like.

```
.text, #text, p{  
    color:rgb(178, 209, 157)  
}
```

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(178, 209, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 209, 157) }
```

Border

The CSS property to change the border of an element to Yxy 57.5002, 0.3253, 0.3959 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(178, 209, 157) }
```

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

```
.border{ border-color:rgb(178, 209, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 209, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 209, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 209, 157); box-shadow:4px 4px 4px 4px rgb(178, 209, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5002, 0.3253, 0.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 209, 157) }
```

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

```
.background{ background-color: rgb(178,  
209, 157) }
```

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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