

Converting Colors

$Yxy(62.1629, 0.3903, 0.5049)$

Have a look what the booklet for
Yxy(62.1629, 0.3903, 0.5049)
contains.

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Color

Yxy(62.3987, 0.3902, 0.5047)

Conversions

Conversions Part 1

Format	Color
Hex	C2DB36
RGB	194, 219, 54
RGB Percent	76%, 86%, 21%
CMY	0.2393, 0.1411, 0.7881
CMYK	0.11, 0.00, 0.75, 0.14
HSL	69°, 70%, 54%
HSV	69°, 75%, 86%
XYZ	48.2425, 62.3987, 12.9941
YIQ	192.7150, 38.0650, -56.6150

Conversions

Conversions Part 2

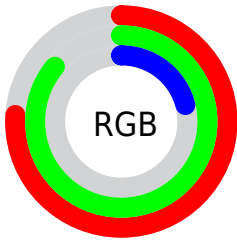
Format	Color
RYB	54, 219, 79
Decimal	12770102
CIELab	83.12, -28.42, 72.44
CIELCh	83, 77.814, 111.423
Yxy	62.3987, 0.3902, 0.5047
Android (android.graphics.Color)	4290960182 (0xFFC2DB36)
YUV	192.7150, -68.3865, 1.1269
Hunter-Lab	78.9928, -29.2241, 45.5420

Details

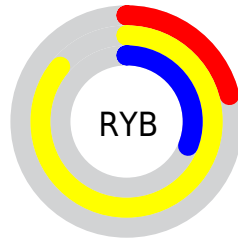
The Yxy color **62.3987, 0.3902, 0.5047** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **9.4205, 0.1831, 0.0995**, and the grayscale version is **53.5462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7831, 0.3923, 0.4622**, and **31.7852, 0.3897, 0.5287** is the 20% darker color. If you saturate the color by 10%, you get **61.8052, 0.3929, 0.5166**, and if you desaturate by 10%, it is **63.1003, 0.3849, 0.4883**.

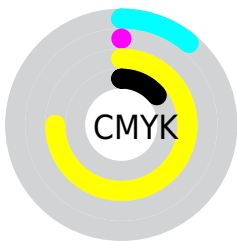
Distribution



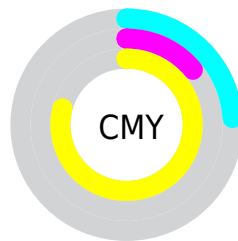
- Red (76%)
- Green (86%)
- Blue (21%)



- Red (21%)
- Yellow (86%)
- Blue (31%)



- Cyan (11%)
- Magenta (0%)
- Yellow (75%)
- Black (14%)




- Cyan (24%)
- Magenta (14%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3987, 0.3902, 0.5047 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 62.3987, 0.3902, 0.5047 by changing the saturation by 10% instead.


 62.3987, 0.3902,
0.5047


 62.3987, 0.3902,
0.5047


433.3839, 0.3610,
0.4225


 45.3549, 0.3940,
0.5220


 108.3016, 0.3822,
0.4770


 31.7371, 0.3969,
0.5422


 137.9294, 0.3784,
0.4659


 21.1608, 0.3977,
0.5652


 172.5208, 0.3748,
0.4562

 13.2416, 0.3976,
0.5964

 212.4601, 0.3716,
0.4478

 7.5951, 0.3815,
0.6185

 258.1316, 0.3686,
0.4403

 3.8370, 0.3533,
0.6467

309.9199, 0.3658,

 1.5828, 0.3027,

0.4337

0.6973

368.2092, 0.3633,
0.4278

■ 0.3460, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3987, 0.3902,
0.5047

■ 62.3987, 0.3902,
0.5047

■ 61.8052, 0.3929,
0.5166

■ 63.1003, 0.3849,
0.4883


■ 61.2978, 0.3930,
0.5241

■ 63.9125, 0.3772,
0.4680

■ 61.0803, 0.3925,
0.5265


■ 64.8477, 0.3675,
0.4447


■ 65.9145, 0.3564,
0.4195

 67.1205, 0.3443,
0.3934

 68.4727, 0.3318,
0.3673

 69.9777, 0.3193,
0.3420

 71.6416, 0.3071,
0.3180

 73.4703, 0.2955,
0.2955

Harmonies

Analogous

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



62.3987, 0.4659, 0.4523



62.3987, 0.3902, 0.5047



62.3987, 0.2999, 0.5002

Triad

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



62.3987, 0.3902, 0.5047



62.3987, 0.1513, 0.2285



62.3987, 0.4017, 0.2572

Complementary

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



62.3987, 0.3902, 0.5047



9.4205, 0.1831, 0.0995

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.



62.3987, 0.3001, 0.2118



62.3987, 0.3902, 0.5047



62.3987, 0.1684, 0.1925

Square

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



62.3987, 0.3902, 0.5047



62.3987, 0.1664, 0.3056



62.3987, 0.2177, 0.1888



62.3987, 0.4825, 0.3173

Rectangle

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



62.3987, 0.3902, 0.5047



62.3987, 0.2426, 0.4507



62.3987, 0.2177, 0.1888



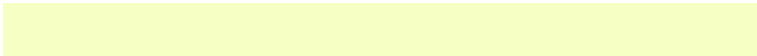
62.3987, 0.3678, 0.2400

Sweetspot

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



62.4015, 0.3902, 0.5047



95.1329, 0.3416, 0.3878



20.8877, 0.5503, 0.3519



20.2212, 0.3461, 0.3973



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.



62.4015, 0.3902, 0.5047



86.8368, 0.3932, 0.5212



54.3644, 0.3289, 0.5476



15.1586, 0.3244, 0.3523



36.2526, 0.3929, 0.5262



2.3763, 0.3975, 0.5226

Inverse Universe

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



9.4205, 0.1831, 0.0995



8.9074, 0.1630, 0.0716



15.3606, 0.2561, 0.1363



12.7115, 0.3004, 0.3050



3.2563, 0.1565, 0.0636



0.2414, 0.1696, 0.0708

Previews

White Background



This preview shows how the Yxy color 62.3987, 0.3902, 0.5047 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 62.3987, 0.3902, 0.5047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

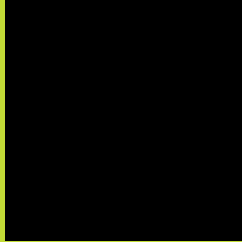
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3987, 0.3902, 0.5047

Background



This preview shows how black text looks on a background with the Yxy color 62.3987, 0.3902, 0.5047.



This preview shows how white text looks on a background with the Yxy color 62.3987, 0.3902, 0.5047.

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

62.3987, 0.3902, 0.5047

Protanopia

62.0205, 0.4311, 0.4758

Deuteranopia

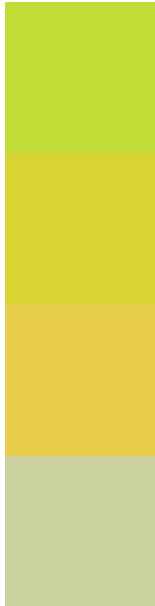
61.8971, 0.4412, 0.4337



Tritanopia

62.0547, 0.3060, 0.3109

Trichromacy



Original Color

62.3987, 0.3902, 0.5047

Protanomaly

61.7419, 0.4161, 0.4863

Deuteranomaly

61.5081, 0.4235, 0.4591

Tritanomaly

60.9764, 0.3438, 0.3879

Monochromacy



Original Color

62.3987, 0.3902, 0.5047

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

55.5315, 0.3495, 0.4044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3987, 0.3902, 0.5047 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(194, 219, 54)` looks like.

```
.text, #text, p{  
    color:rgb(194, 219, 54)  
}
```

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(194, 219, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 219, 54) }
```

Border

The CSS property to change the border of an element to Yxy 62.3987, 0.3902, 0.5047 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(194, 219, 54) }
```

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

```
.border{ border-color:rgb(194, 219, 54) }
```

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

Here you see how a box with a 4 pixel rgb(194, 219, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 219, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 219, 54);  
box-shadow:4px 4px 4px 4px rgb(194, 219,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3987, 0.3902, 0.5047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 219, 54) }
```

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

```
.background{ background-color: rgb(194,  
219, 54) }
```

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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