

Converting Colors

Yxy(50.9893, 0.3522, 0.4025)

Have a look what the booklet for
Yxy(50.9893, 0.3522, 0.4025)
contains.

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Color

Yxy(51.2085, 0.3522, 0.4026)

Conversions

Conversions Part 1

Format	Color
Hex	BDC289
RGB	189, 194, 137
RGB Percent	74%, 76%, 54%
CMY	0.2587, 0.2392, 0.4628
CMYK	0.03, 0.00, 0.29, 0.24
HSL	65°, 32%, 65%
HSV	65°, 29%, 76%
XYZ	44.7979, 51.2085, 31.1881
YIQ	186.0070, 15.3170, -18.7870

Conversions

Conversions Part 2

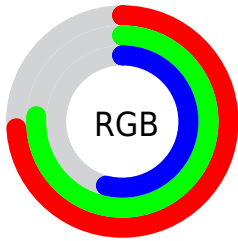
Format	Color
RYB	137, 194, 142
Decimal	12436105
CIELab	76.81, -10.91, 28.17
CIELCh	77, 30.209, 111.168
Yxy	51.2085, 0.3522, 0.4026
Android (android.graphics.Color)	4290626185 (0xFFBDC289)
YUV	186.0070, -24.1605, 2.6249
Hunter-Lab	71.5601, -13.4860, 24.2517

Details

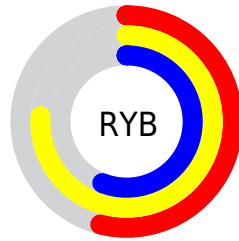
The Yxy color **51.2085, 0.3522, 0.4026** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.5333, 0.2660, 0.2455**, and the grayscale version is **49.2414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7256, 0.3457, 0.3886**, and **24.5789, 0.3625, 0.4233** is the 20% darker color. If you saturate the color by 10%, you get **50.4880, 0.3651, 0.4275**, and if you desaturate by 10%, it is **52.0362, 0.3387, 0.3771**.

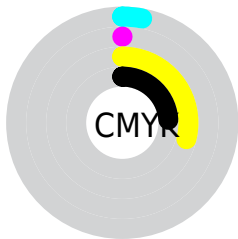
Distribution



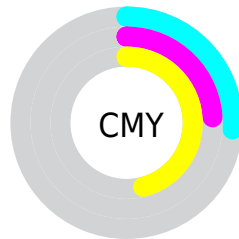
- Red (74%)
- Green (76%)
- Blue (54%)



- Red (54%)
- Yellow (76%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (24%)





- Cyan (26%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2085, 0.3522, 0.4026 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 51.2085, 0.3522, 0.4026 by changing the saturation by 10% instead.

 51.2085, 0.3522,
0.4026

 51.2085, 0.3522,
0.4026


391.3733, 0.3334,
0.3658


 36.3746, 0.3565,
0.4117


 91.9629, 0.3457,
0.3893

 24.7236, 0.3618,
0.4232


 118.6522, 0.3431,
0.3843

 15.8713, 0.3683,
0.4384


 150.0620, 0.3409,
0.3800

 9.4331, 0.3765,
0.4590

186.5767, 0.3390,
0.3764

 5.0247, 0.3864,
0.4880

228.5809, 0.3374,
0.3732

 2.2618, 0.4216,
0.5644

276.4587, 0.3359,

 0.7534, 0.3738,

0.3704

0.6262

330.5948, 0.3346,
0.3680

0.0000, 0.0000,
0.0000

51.2085, 0.3522,
0.4026

51.2085, 0.3522,
0.4026

50.4880, 0.3651,
0.4275

52.0362, 0.3387,
0.3771

49.8625, 0.3769,
0.4510

52.9692, 0.3252,
0.3519

49.3284, 0.3870,
0.4719


54.0144, 0.3119,
0.3275

48.8791, 0.3949,
0.4894


55.1763, 0.2992,
0.3045


48.5072, 0.4004,
0.5028


56.4589, 0.2872,
0.2830

 48.2040, 0.4033,
0.5118

 57.8661, 0.2761,
0.2633

 47.9538, 0.4040,
0.5171

 58.2021, 0.2763,
0.2619

 47.9388, 0.4041,
0.5174

 58.4377, 0.2775,
0.2622

 58.6758, 0.2786,
0.2624

Harmonies

Analogous

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



51.2085, 0.3829, 0.3891



51.2085, 0.3522, 0.4026



51.2085, 0.3122, 0.3939

Triad

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



51.2085, 0.3522, 0.4026



51.2085, 0.2371, 0.2886



51.2085, 0.3504, 0.2971

Complementary

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



51.2085, 0.3522, 0.4026



27.5333, 0.2660, 0.2455

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.



51.2085, 0.3090, 0.2739



51.2085, 0.3522, 0.4026



51.2085, 0.2456, 0.2676

Square

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



51.2085, 0.3522, 0.4026



51.2085, 0.2470, 0.3236



51.2085, 0.2710, 0.2631



51.2085, 0.3826, 0.3282

Rectangle

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



51.2085, 0.3522, 0.4026



51.2085, 0.2858, 0.3756



51.2085, 0.2710, 0.2631



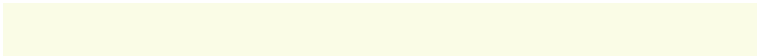
51.2085, 0.3370, 0.2882

Sweetspot

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



51.2108, 0.3522, 0.4026



96.0124, 0.3249, 0.3513



32.5458, 0.3753, 0.3356



20.9679, 0.3269, 0.3550



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.



51.2108, 0.3522, 0.4026



91.9539, 0.3603, 0.4181



47.9394, 0.3279, 0.4087



11.7123, 0.3252, 0.3518



31.5373, 0.4043, 0.5172



1.3760, 0.4078, 0.5144

Inverse Universe

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



27.5333, 0.2660, 0.2455



42.3888, 0.2542, 0.2250



30.3590, 0.2926, 0.2515



9.7890, 0.2996, 0.3053



2.6543, 0.1532, 0.0618



0.1293, 0.1646, 0.0680

Previews

White Background



This preview shows how the Yxy color 51.2085, 0.3522, 0.4026 looks on a white background.

Color Contrast Check

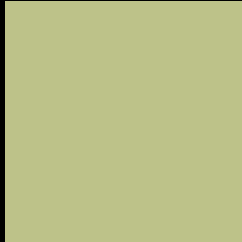
Large Text (above 18pt) WCAG AA × Fail

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 51.2085, 0.3522, 0.4026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

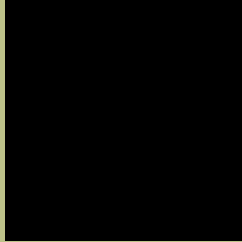
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2085, 0.3522, 0.4026

Background



This preview shows how black text looks on a background with the Yxy color 51.2085, 0.3522, 0.4026.



This preview shows how white text looks on a background with the Yxy color 51.2085, 0.3522, 0.4026.

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

51.2085, 0.3522, 0.4026

Protanopia

50.9818, 0.3688, 0.3961

Deuteranopia

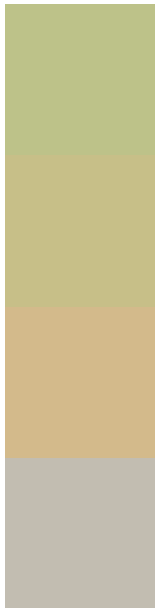
51.1966, 0.3857, 0.3783



Tritanopia

51.1583, 0.3110, 0.3119

Trichromacy



Original Color

51.2085, 0.3522, 0.4026

Protanomaly

51.1813, 0.3628, 0.3982

Deuteranomaly

50.8308, 0.3731, 0.3864

Tritanomaly

51.0389, 0.3262, 0.3441

Monochromacy



Original Color

51.2085, 0.3522, 0.4026

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.7871, 0.3273, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2085, 0.3522, 0.4026 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(189, 194, 137)` looks like.

```
.text, #text, p{  
    color:rgb(189, 194, 137)  
}
```

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(189, 194, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 194, 137) }
```

Border

The CSS property to change the border of an element to Yxy 51.2085, 0.3522, 0.4026 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(189, 194, 137) }
```

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

```
.border{ border-color:rgb(189, 194, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 194, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 194, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 194, 137);  
box-shadow:4px 4px 4px 4px rgb(189, 194,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2085, 0.3522, 0.4026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 194, 137) }
```

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

```
.background{ background-color: rgb(189,  
194, 137) }
```

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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