

Converting Colors

Yxy(52.7119, 0.3509, 0.4124)

Have a look what the booklet for
Yxy(52.7119, 0.3509, 0.4124)
contains.

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Color

Yxy(52.5485, 0.3506, 0.4117)

Conversions

Conversions Part 1

Format	Color
Hex	BAC686
RGB	186, 198, 134
RGB Percent	73%, 78%, 53%
CMY	0.2705, 0.2235, 0.4745
CMYK	0.06, 0.00, 0.32, 0.22
HSL	71°, 36%, 65%
HSV	71°, 32%, 78%
XYZ	44.7498, 52.5485, 30.3395
YIQ	187.1160, 13.3920, -22.4480

Conversions

Conversions Part 2

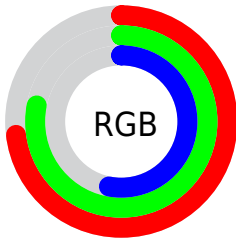
Format	Color
RYB	134, 198, 146
Decimal	12240518
CIELab	77.61, -14.51, 30.76
CIELCh	78, 34.011, 115.248
Yxy	52.5485, 0.3506, 0.4117
Android (android.graphics.Color)	4290430598 (0xFFBAC686)
YUV	187.1160, -26.1862, -0.9787
Hunter-Lab	72.4903, -16.6663, 25.9285

Details

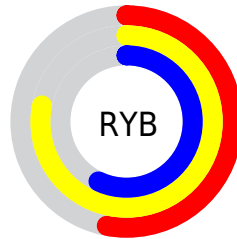
The Yxy color $52.5485, 0.3506, 0.4117$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $27.2387, 0.2661, 0.2371$, and the grayscale version is $49.9105, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.2055, 0.3445, 0.3967$, and $25.4766, 0.3597, 0.4354$ is the 20% darker color. If you saturate the color by 10%, you get $51.5906, 0.3614, 0.4376$, and if you desaturate by 10%, it is $53.6266, 0.3390, 0.3854$.

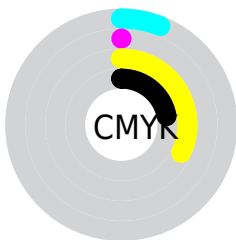
Distribution



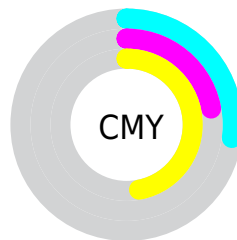
- Red (73%)
- Green (78%)
- Blue (53%)



- Red (53%)
- Yellow (78%)
- Blue (57%)



- Cyan (6%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5485, 0.3506, 0.4117 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 52.5485, 0.3506, 0.4117 by changing the saturation by 10% instead.


 52.5485, 0.3506,
0.4117


 52.5485, 0.3506,
0.4117


396.5505, 0.3330,
0.3703


 37.4425, 0.3545,
0.4219


 93.9397, 0.3445,
0.3967

 25.5503, 0.3592,
0.4349


 120.9936, 0.3422,
0.3911

 16.4875, 0.3649,
0.4519


 152.7989, 0.3401,
0.3863

 9.8698, 0.3716,
0.4749

189.7400, 0.3383,
0.3822

 5.3127, 0.3789,
0.5072

232.2013, 0.3367,
0.3786

 2.4319, 0.4092,
0.5908

280.5673, 0.3353,

 0.8422, 0.3464,

0.3755

0.6536

335.2222, 0.3341,
0.3728

0.0000, 0.0000,
0.0000

52.5485, 0.3506,
0.4117

52.5485, 0.3506,
0.4117

51.5906, 0.3614,
0.4376

53.6266, 0.3390,
0.3854

50.7399, 0.3709,
0.4621

54.8233, 0.3272,
0.3595

49.9925, 0.3787,
0.4841


56.1459, 0.3154,
0.3346


49.3410, 0.3841,
0.5026


57.5993, 0.3040,
0.3112

48.7772, 0.3871,
0.5168

59.1879, 0.2932,
0.2894

 48.2913, 0.3874,
0.5264

 60.9160, 0.2830,
0.2695

 47.9572, 0.3864,
0.5314

 61.6012, 0.2842,
0.2678

 62.1586, 0.2868,
0.2682

 62.7287, 0.2895,
0.2687

Harmonies

Analogous

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



52.5485, 0.3871, 0.3988



52.5485, 0.3506, 0.4117



52.5485, 0.3056, 0.3987

Triad

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



52.5485, 0.3506, 0.4117



52.5485, 0.2292, 0.2795



52.5485, 0.3606, 0.2978

Complementary

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



52.5485, 0.3506, 0.4117



27.2387, 0.2661, 0.2371

Split Complementary

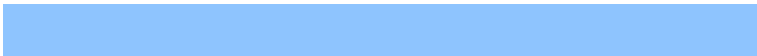
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.5485, 0.3147, 0.2708



52.5485, 0.3506, 0.4117



52.5485, 0.2411, 0.2591

Square

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



52.5485, 0.3506, 0.4117



52.5485, 0.2372, 0.3166



52.5485, 0.2713, 0.2568



52.5485, 0.3942, 0.3327

Rectangle

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



52.5485, 0.3506, 0.4117



52.5485, 0.2769, 0.3760



52.5485, 0.2713, 0.2568



52.5485, 0.3459, 0.2877

Sweetspot

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



52.5508, 0.3506, 0.4117



97.5706, 0.3246, 0.3540



34.2040, 0.3814, 0.3448



20.8151, 0.3263, 0.3576



0.0000, 0.0000, 0.0000



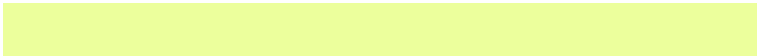
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5508, 0.3506, 0.4117



91.8024, 0.3586, 0.4306



49.0063, 0.3240, 0.4192



12.3128, 0.3237, 0.3520



31.2225, 0.3869, 0.5310



1.5051, 0.3940, 0.5253

Inverse Universe

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



27.2387, 0.2661, 0.2371



39.8649, 0.2532, 0.2131



30.5624, 0.2963, 0.2446



10.3814, 0.3011, 0.3053



2.9361, 0.1594, 0.0652



0.1687, 0.1788, 0.0759

Previews

White Background



This preview shows how the Yxy color 52.5485, 0.3506, 0.4117 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 52.5485, 0.3506, 0.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

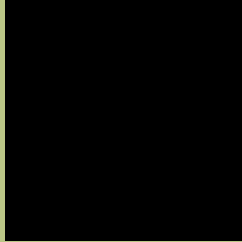
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5485, 0.3506, 0.4117

Background



This preview shows how black text looks on a background with the Yxy color 52.5485, 0.3506, 0.4117.



This preview shows how white text looks on a background with the Yxy color 52.5485, 0.3506, 0.4117.

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

52.5485, 0.3506, 0.4117

Protanopia

52.1657, 0.3739, 0.4025

Deuteranopia

52.0040, 0.3905, 0.3823



Tritanopia

52.3569, 0.3063, 0.3108

Trichromacy



Original Color

52.5485, 0.3506, 0.4117

Protanomaly

52.3916, 0.3648, 0.4066

Deuteranomaly

51.7411, 0.3756, 0.3920

Tritanomaly

52.1604, 0.3226, 0.3454

Monochromacy



Original Color

52.5485, 0.3506, 0.4117

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6536, 0.3271, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5485, 0.3506, 0.4117 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(186, 198, 134)` looks like.

```
.text, #text, p{  
    color:rgb(186, 198, 134)  
}
```

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(186, 198, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 198, 134) }
```

Border

The CSS property to change the border of an element to Yxy 52.5485, 0.3506, 0.4117 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(186, 198, 134) }
```

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

```
.border{ border-color:rgb(186, 198, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 198, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 198, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 198, 134);  
box-shadow:4px 4px 4px 4px rgb(186, 198,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5485, 0.3506, 0.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 198, 134) }
```

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

```
.background{ background-color: rgb(186,  
198, 134) }
```

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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