

Converting Colors

$Yxy(48.4730, 0.3133, 0.3800)$

Have a look what the booklet for
Yxy(48.4730, 0.3133, 0.3800)
contains.

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Color

Yxy(48.5950, 0.3135, 0.3801)

Conversions

Conversions Part 1

Format	Color
Hex	A1C29D
RGB	161, 194, 157
RGB Percent	63%, 76%, 62%
CMY	0.3685, 0.2392, 0.3842
CMYK	0.17, 0.00, 0.19, 0.24
HSL	113°, 23%, 69%
HSV	113°, 19%, 76%
XYZ	40.0803, 48.5950, 39.1726
YIQ	179.9150, -7.7910, -18.5030

Conversions

Conversions Part 2

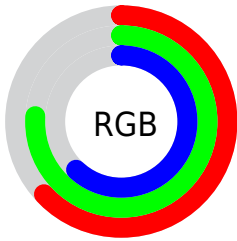
Format	Color
RYB	157, 194, 190
Decimal	10601117
CIELab	75.20, -18.15, 14.99
CIELCh	75, 23.544, 140.444
Yxy	48.5950, 0.3135, 0.3801
Android (android.graphics.Color)	4288791197 (0xFFFA1C29D)
YUV	179.9150, -11.2971, -16.5885
Hunter-Lab	69.7101, -19.3629, 15.4799

Details

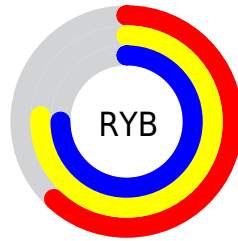
The Yxy color **48.5950, 0.3135, 0.3801** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.9604, 0.3112, 0.2818**, and the grayscale version is **45.6626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3468, 0.3133, 0.3705**, and **23.0480, 0.3128, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **46.3112, 0.3136, 0.4113**, and if you desaturate by 10%, it is **51.2367, 0.3132, 0.3519**.

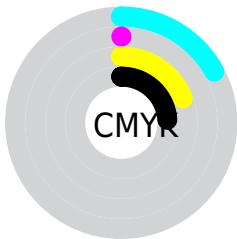
Distribution



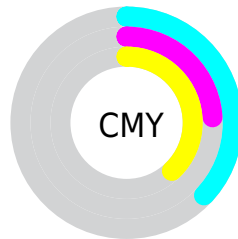
- Red (63%)
- Green (76%)
- Blue (62%)



- Red (62%)
- Yellow (76%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)




- Cyan (37%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5950, 0.3135, 0.3801 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 48.5950, 0.3135, 0.3801 by changing the saturation by 10% instead.


 48.5950, 0.3135,
0.3801


 48.5950, 0.3135,
0.3801


381.1457, 0.3135,
0.3540

 34.2983, 0.3134,
0.3868


 88.0896, 0.3136,
0.3705

 23.1229, 0.3131,
0.3955


 114.0564, 0.3136,
0.3669

 14.6843, 0.3126,
0.4073

144.6820, 0.3136,
0.3639

 8.5981, 0.3116,
0.4242

180.3507, 0.3136,
0.3613

 4.4800, 0.3095,
0.4500

221.4471, 0.3136,
0.3591

 1.9455, 0.3048,
0.4955

268.3554, 0.3136,


 0.5755, 0.1529,


0.3572


0.8471

321.4602, 0.3135,
0.3555


 0.0000, 0.0000,
0.0000


 48.5950, 0.3135,
0.3801

 48.5950, 0.3135,
0.3801


 46.3112, 0.3136,
0.4113


 51.2367, 0.3132,
0.3519


 44.3641, 0.3133,
0.4448

 54.2444, 0.3127,
0.3268


 42.7396, 0.3125,
0.4795

 57.6335, 0.3120,
0.3048

 41.4200, 0.3113,
0.5134

 61.4167, 0.3113,
0.2857

 40.3863, 0.3095,
0.5441

 65.6062, 0.3106,
0.2691

■ 39.6169, 0.3073,
0.5693

■ 67.0624, 0.3155,
0.2693

■ 39.0874, 0.3049,
0.5870

■ 38.7645, 0.3027,
0.5972

■ 38.7422, 0.3025,
0.5980

Harmonies

Analogous

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



48.5950, 0.3452, 0.3870



48.5950, 0.3135, 0.3801



48.5950, 0.2826, 0.3570

Triad

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



48.5950, 0.3135, 0.3801



48.5950, 0.2585, 0.2802



48.5950, 0.3675, 0.3283

Complementary

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



48.5950, 0.3135, 0.3801



38.9604, 0.3112, 0.2818

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.



48.5950, 0.3420, 0.3029



48.5950, 0.3135, 0.3801



48.5950, 0.2789, 0.2758

Square

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



48.5950, 0.3135, 0.3801



48.5950, 0.2520, 0.2979



48.5950, 0.3092, 0.2841



48.5950, 0.3775, 0.3550

Rectangle

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



48.5950, 0.3135, 0.3801



48.5950, 0.2665, 0.3365



48.5950, 0.3092, 0.2841



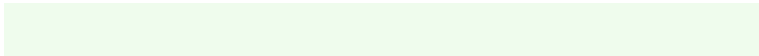
48.5950, 0.3604, 0.3194

Sweetspot

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



48.5971, 0.3135, 0.3801



94.3771, 0.3130, 0.3441



50.5937, 0.3420, 0.3707



20.5904, 0.3131, 0.3458



0.0000, 0.0000, 0.0000



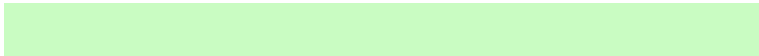
21.4041, 0.3127, 0.3290

Same Dimension

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



48.5971, 0.3135, 0.3801



86.1895, 0.3136, 0.3932



48.6999, 0.3002, 0.3603



11.3099, 0.3132, 0.3527



25.4906, 0.3030, 0.5976



1.1192, 0.3126, 0.5900

Inverse Universe

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



38.9604, 0.3112, 0.2818



65.4338, 0.3107, 0.2708



38.8768, 0.3278, 0.2996



10.1903, 0.3121, 0.3062



8.4216, 0.2940, 0.1393



0.3800, 0.3004, 0.1429

Previews

White Background



This preview shows how the Yxy color 48.5950, 0.3135, 0.3801 looks on a white background.

Color Contrast Check

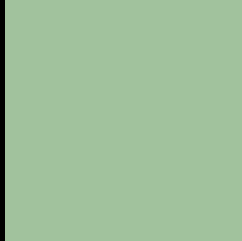
Large Text (above 18pt) WCAG AA × Fail

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 48.5950, 0.3135, 0.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

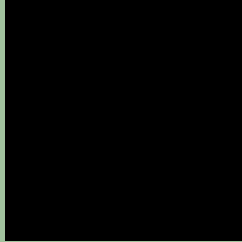
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5950, 0.3135, 0.3801

Background



This preview shows how black text looks on a background with the Yxy color 48.5950, 0.3135, 0.3801.



This preview shows how white text looks on a background with the Yxy color 48.5950, 0.3135, 0.3801.

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

48.5950, 0.3135, 0.3801

Protanopia

48.1501, 0.3484, 0.3702

Deuteranopia

48.2277, 0.3577, 0.3512



Tritanopia

48.7133, 0.2868, 0.3096

Trichromacy



Original Color

48.5950, 0.3135, 0.3801

Protanomaly

48.3668, 0.3351, 0.3740

Deuteranomaly

48.1216, 0.3407, 0.3612

Tritanomaly

48.4791, 0.2965, 0.3343

Monochromacy



Original Color

48.5950, 0.3135, 0.3801

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.5607, 0.3127, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5950, 0.3135, 0.3801 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(161, 194, 157)` looks like.

```
.text, #text, p{  
    color:rgb(161, 194, 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(161, 194, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 194, 157) }
```

Border

The CSS property to change the border of an element to Yxy 48.5950, 0.3135, 0.3801 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(161, 194, 157) }
```

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

```
.border{ border-color:rgb(161, 194, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 194, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 194, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 194, 157);  
box-shadow:4px 4px 4px 4px rgb(161, 194,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5950, 0.3135, 0.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 194, 157) }
```

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

```
.background{ background-color: rgb(161,  
194, 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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