

Converting Colors

Yxy(61.8961, 0.3193, 0.4076)

Have a look what the booklet for
Yxy(61.8961, 0.3193, 0.4076)
contains.

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Color

Yxy(61.8680, 0.3195, 0.4081)

Conversions

Conversions Part 1

Format	Color
Hex	ACDB9D
RGB	172, 219, 157
RGB Percent	67%, 86%, 62%
CMY	0.3254, 0.1412, 0.3842
CMYK	0.21, 0.00, 0.28, 0.14
HSL	105°, 46%, 74%
HSV	105°, 28%, 86%
XYZ	48.4362, 61.8680, 41.2959
YIQ	197.8790, -8.1100, -29.2460

Conversions

Conversions Part 2

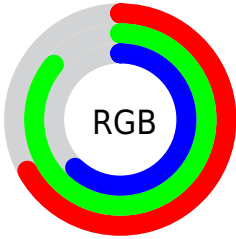
Format	Color
RYB	157, 219, 204
Decimal	11328413
CIELab	82.84, -26.67, 25.65
CIElCh	83, 37.005, 136.121
Yxy	61.8680, 0.3195, 0.4081
Android (android.graphics.Color)	4289518493 (0xFFACDB9D)
YUV	197.8790, -20.1533, -22.6959
Hunter-Lab	78.6562, -27.7287, 23.9311

Details

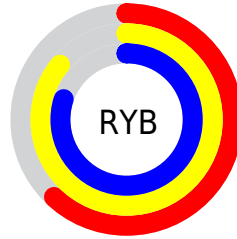
The Yxy color **61.8680, 0.3195, 0.4081** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.0718, 0.3027, 0.2560**, and the grayscale version is **56.5282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7674, 0.3206, 0.3735**, and **31.4928, 0.3204, 0.4306** is the 20% darker color. If you saturate the color by 10%, you get **59.4257, 0.3211, 0.4405**, and if you desaturate by 10%, it is **64.6842, 0.3174, 0.3777**.

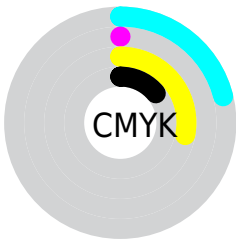
Distribution



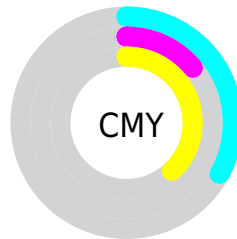
- Red (67%)
- Green (86%)
- Blue (62%)



- Red (62%)
- Yellow (86%)
- Blue (80%)



- Cyan (21%)
- Magenta (0%)
- Yellow (28%)
- Black (14%)





- Cyan (33%)
- Magenta (14%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8680, 0.3195, 0.4081 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 61.8680, 0.3195, 0.4081 by changing the saturation by 10% instead.

 61.8680, 0.3195,
0.4081

 61.8680, 0.3195,
0.4081


431.4494, 0.3172,
0.3688

 44.9260, 0.3197,
0.4178


 107.5347, 0.3189,
0.3939

 31.3992, 0.3199,
0.4301


 137.0283, 0.3186,
0.3886

 20.9030, 0.3197,
0.4462

171.4745, 0.3183,
0.3840

 13.0531, 0.3190,
0.4683

211.2578, 0.3181,
0.3801

 7.4651, 0.3166,
0.5002

256.7626, 0.3178,
0.3767

 3.7547, 0.3102,
0.5493

308.3731, 0.3176,

 1.5373, 0.3130,

0.3738

0.6870

366.4740, 0.3174,
0.3712

0.3148, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.8680, 0.3195,
0.4081

61.8680, 0.3195,
0.4081

59.4257, 0.3211,
0.4405

64.6842, 0.3174,
0.3777

57.3337, 0.3219,
0.4739

67.8812, 0.3149,
0.3499

55.5775, 0.3217,
0.5066

71.4756, 0.3123,
0.3250

54.1388, 0.3203,
0.5365

75.4806, 0.3096,
0.3029

■ 52.9972, 0.3177,
0.5616

■ 79.1418, 0.3144,
0.2940

■ 52.1296, 0.3140,
0.5800

■ 51.5063, 0.3097,
0.5913

■ 51.4194, 0.3090,
0.5929

Harmonies

Analogous

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



61.8680, 0.3646, 0.4127



61.8680, 0.3195, 0.4081



61.8680, 0.2746, 0.3763

Triad

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



61.8680, 0.3195, 0.4081



61.8680, 0.2333, 0.2614



61.8680, 0.3884, 0.3213

Complementary

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



61.8680, 0.3195, 0.4081



42.0718, 0.3027, 0.2560

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.



61.8680, 0.3482, 0.2874



61.8680, 0.3195, 0.4081



61.8680, 0.2589, 0.2536

Square

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



61.8680, 0.3195, 0.4081



61.8680, 0.2271, 0.2879



61.8680, 0.3002, 0.2633



61.8680, 0.4065, 0.3589

Rectangle

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



61.8680, 0.3195, 0.4081



61.8680, 0.2507, 0.3459



61.8680, 0.3002, 0.2633



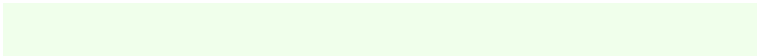
61.8680, 0.3769, 0.3093

Sweetspot

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



61.8707, 0.3195, 0.4081



95.9398, 0.3148, 0.3493



60.4449, 0.3598, 0.3830



20.3804, 0.3152, 0.3533



0.0000, 0.0000, 0.0000



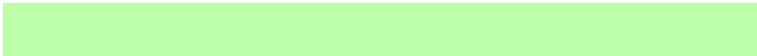
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8707, 0.3195, 0.4081



85.2146, 0.3205, 0.4274



60.8305, 0.2993, 0.3896



14.7577, 0.3152, 0.3529



30.5327, 0.3098, 0.5922



2.0181, 0.3214, 0.5830

Inverse Universe

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



42.0718, 0.3027, 0.2560



52.8299, 0.2999, 0.2399



43.5168, 0.3296, 0.2753



13.1078, 0.3099, 0.3057



7.8912, 0.2606, 0.1209



0.5501, 0.2709, 0.1266

Previews

White Background



This preview shows how the Yxy color 61.8680, 0.3195, 0.4081 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 61.8680, 0.3195, 0.4081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

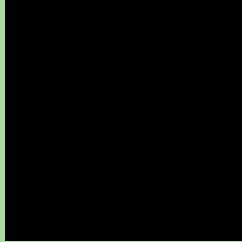
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8680, 0.3195, 0.4081

Background



This preview shows how black text looks on a background with the Yxy color 61.8680, 0.3195, 0.4081.

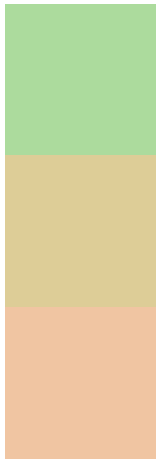


This preview shows how white text looks on a background with the Yxy color 61.8680, 0.3195, 0.4081.

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

61.8680, 0.3195, 0.4081

Protanopia

61.2692, 0.3655, 0.3913

Deuteranopia

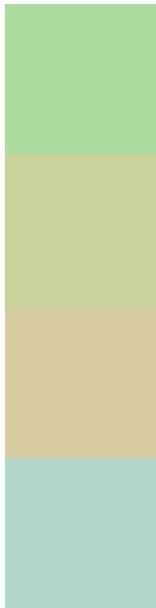
61.0664, 0.3757, 0.3675



Tritanopia

61.7065, 0.2825, 0.3089

Trichromacy



Original Color

61.8680, 0.3195, 0.4081

Protanomaly

61.0896, 0.3478, 0.3976

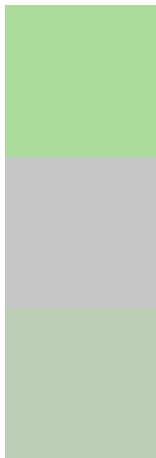
Deuteranomaly

60.6478, 0.3538, 0.3818

Tritanomaly

61.4365, 0.2956, 0.3424

Monochromacy



Original Color

61.8680, 0.3195, 0.4081

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.3803, 0.3159, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8680, 0.3195, 0.4081 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(172, 219, 157)` looks like.

```
.text, #text, p{  
    color:rgb(172, 219, 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(172, 219, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 219, 157) }
```

Border

The CSS property to change the border of an element to Yxy 61.8680, 0.3195, 0.4081 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(172, 219, 157) }
```

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

```
.border{ border-color:rgb(172, 219, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 219, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 219, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 219, 157);  
box-shadow:4px 4px 4px 4px rgb(172, 219,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8680, 0.3195, 0.4081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 219, 157) }
```

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

```
.background{ background-color: rgb(172,  
219, 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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