

Converting Colors

$Yxy(63.3705, 0.3041, 0.3743)$

Have a look what the booklet for
Yxy(63.3705, 0.3041, 0.3743)
contains.

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Color

Yxy(63.6040, 0.3043, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	AEDCB7
RGB	174, 220, 183
RGB Percent	68%, 86%, 72%
CMY	0.3176, 0.1372, 0.2823
CMYK	0.21, 0.00, 0.17, 0.14
HSL	132°, 40%, 77%
HSV	132°, 21%, 86%
XYZ	51.5988, 63.6040, 54.3627
YIQ	202.0280, -15.5390, -21.2590

Conversions

Conversions Part 2

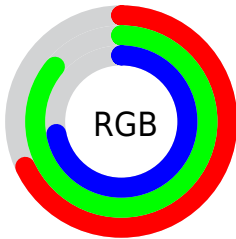
Format	Color
RYB	174, 212, 220
Decimal	11459767
CIELab	83.76, -22.11, 13.34
CIELCh	84, 25.822, 148.907
Yxy	63.6040, 0.3043, 0.3751
Android (android.graphics.Color)	4289649847 (0xFFAEDCB7)
YUV	202.0280, -9.3808, -24.5806
Hunter-Lab	79.7521, -24.0786, 15.4117

Details

The Yxy color **63.6040, 0.3043, 0.3751** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.1961, 0.3224, 0.2869**, and the grayscale version is **59.1512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5750, 0.3064, 0.3451**, and **32.5869, 0.3019, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **60.5919, 0.3004, 0.4012**, and if you desaturate by 10%, it is **67.1279, 0.3083, 0.3516**.

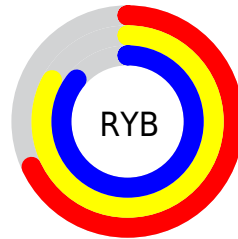
Distribution



Red (68%)

Green (86%)

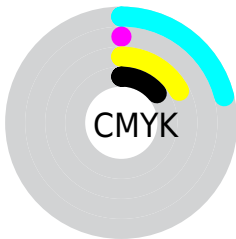
Blue (72%)



Red (68%)

Yellow (83%)

Blue (86%)

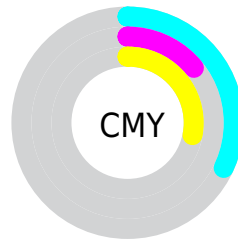


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (14%)



Cyan (32%)


Magenta (14%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6040, 0.3043, 0.3751 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 63.6040, 0.3043, 0.3751 by changing the saturation by 10% instead.


 63.6040, 0.3043,
0.3751

 63.6040, 0.3043,
0.3751

437.7582, 0.3086,
0.3525

 46.3300, 0.3032,
0.3806


 110.0404, 0.3059,
0.3670

 32.5063, 0.3017,
0.3875


139.9717, 0.3065,
0.3639

 21.7485, 0.2998,
0.3966


174.8908, 0.3070,
0.3613

 13.6722, 0.2970,
0.4091

215.1822, 0.3074,
0.3591

 7.8931, 0.2928,
0.4270

261.2302, 0.3078,
0.3571

 4.0266, 0.2858,
0.4552

313.4193, 0.3081,

 1.6884, 0.2737,

0.3554

0.5079

372.1338, 0.3084,
0.3539

0.4162, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.6040, 0.3043,
0.3751

63.6040, 0.3043,
0.3751

60.5919, 0.3004,
0.4012

67.1279, 0.3083,
0.3516

58.0601, 0.2969,
0.4297

71.1776, 0.3124,
0.3308

55.9858, 0.2939,
0.4596

75.7765, 0.3163,
0.3125

54.3412, 0.2919,
0.4900

79.5896, 0.3151,
0.2961

■ 53.0954, 0.2910,
0.5193

■ 79.6671, 0.3143,
0.2950

■ 52.2132, 0.2914,
0.5456

■ 51.6533, 0.2930,
0.5673

■ 51.3619, 0.2950,
0.5822

Harmonies

Analogous

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



63.6040, 0.3368, 0.3871



63.6040, 0.3043, 0.3751



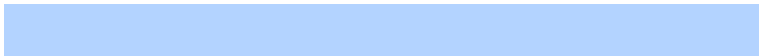
63.6040, 0.2751, 0.3486

Triad

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



63.6040, 0.3043, 0.3751



63.6040, 0.2628, 0.2775



63.6040, 0.3723, 0.3359

Complementary

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



63.6040, 0.3043, 0.3751



50.1961, 0.3224, 0.2869

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.



63.6040, 0.3505, 0.3096



63.6040, 0.3043, 0.3751



63.6040, 0.2867, 0.2768

Square

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



63.6040, 0.3043, 0.3751



63.6040, 0.2521, 0.2916



63.6040, 0.3187, 0.2884



63.6040, 0.3771, 0.3620

Rectangle

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



63.6040, 0.3043, 0.3751



63.6040, 0.2612, 0.3275



63.6040, 0.3187, 0.2884



63.6040, 0.3667, 0.3269

Sweetspot

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



63.6067, 0.3043, 0.3751



96.4454, 0.3103, 0.3411



68.1769, 0.3377, 0.3820



20.5640, 0.3100, 0.3425



0.0000, 0.0000, 0.0000



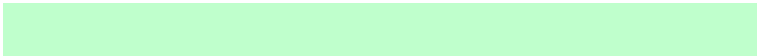
21.4041, 0.3127, 0.3290

Same Dimension

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



63.6067, 0.3043, 0.3751



86.9753, 0.3026, 0.3860



64.6163, 0.2904, 0.3467



14.6477, 0.3089, 0.3483



30.1559, 0.2945, 0.5801



1.9659, 0.2862, 0.5504

Inverse Universe

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



50.1961, 0.3224, 0.2869



65.0731, 0.3248, 0.2780



49.1486, 0.3416, 0.3121



13.2289, 0.3167, 0.3104



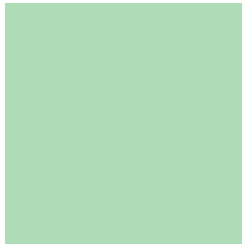
10.8077, 0.3773, 0.1852



0.7116, 0.3664, 0.1792

Previews

White Background



This preview shows how the Yxy color 63.6040, 0.3043, 0.3751 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 63.6040, 0.3043, 0.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

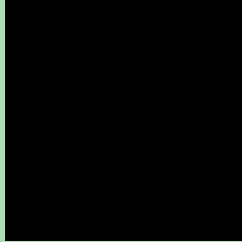
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

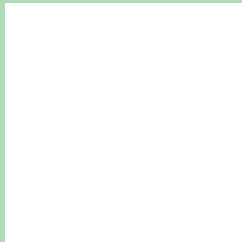
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6040, 0.3043, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 63.6040, 0.3043, 0.3751.

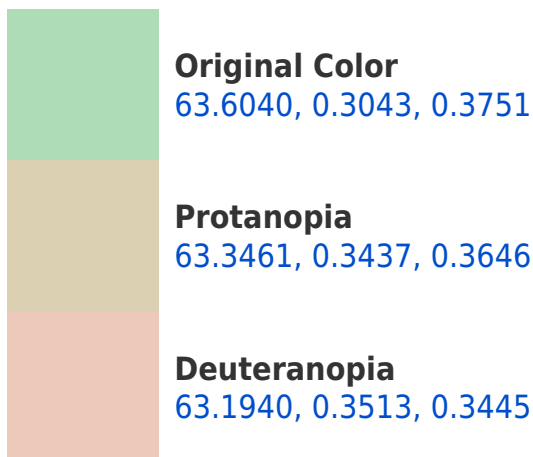


This preview shows how white text looks on a background with the Yxy color 63.6040, 0.3043, 0.3751.

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

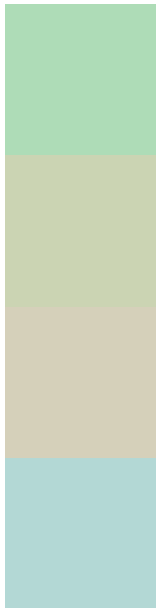




Tritanopia

63.2468, 0.2803, 0.3090

Trichromacy



Original Color

63.6040, 0.3043, 0.3751

Protanomaly

63.0382, 0.3289, 0.3682

Deuteranomaly

62.8031, 0.3323, 0.3545

Tritanomaly

63.4995, 0.2888, 0.3325

Monochromacy



Original Color

63.6040, 0.3043, 0.3751

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.7475, 0.3097, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6040, 0.3043, 0.3751 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(174, 220, 183)` looks like.

```
.text, #text, p{  
    color:rgb(174, 220, 183)  
}
```

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(174, 220, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 220, 183) }
```

Border

The CSS property to change the border of an element to Yxy 63.6040, 0.3043, 0.3751 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(174, 220, 183) }
```

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

```
.border{ border-color:rgb(174, 220, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 220, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 220, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 220, 183); box-shadow:4px 4px 4px 4px rgb(174, 220, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6040, 0.3043, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 220, 183) }
```

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

```
.background{ background-color: rgb(174,  
220, 183) }
```

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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