

Converting Colors

$Yxy(60.5632, 0.3247, 0.4096)$

Have a look what the booklet for
Yxy(60.5632, 0.3247, 0.4096)
contains.

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Color

Yxy(60.5256, 0.3247, 0.4095)

Conversions

Conversions Part 1

Format	Color
Hex	AFD899
RGB	175, 216, 153
RGB Percent	69%, 85%, 60%
CMY	0.3135, 0.1530, 0.4000
CMYK	0.19, 0.00, 0.29, 0.15
HSL	99°, 45%, 72%
HSV	99°, 29%, 85%
XYZ	47.9918, 60.5256, 39.2862
YIQ	196.5590, -4.2130, -28.2850

Conversions

Conversions Part 2

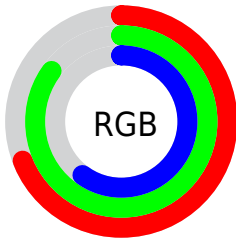
Format	Color
RYB	153, 216, 194
Decimal	11524249
CIELab	82.12, -24.79, 26.80
CIElCh	82, 36.507, 132.779
Yxy	60.5256, 0.3247, 0.4095
Android (android.graphics.Color)	4289714329 (0xFFAFD899)
YUV	196.5590, -21.4746, -18.9072
Hunter-Lab	77.7982, -26.0345, 24.5187

Details

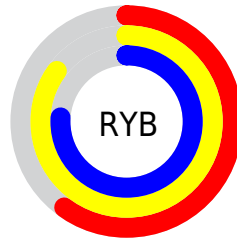
The Yxy color **60.5256, 0.3247, 0.4095** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.1994, 0.2963, 0.2524**, and the grayscale version is **55.6946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0630, 0.3248, 0.3774**, and **30.5669, 0.3271, 0.4325** is the 20% darker color. If you saturate the color by 10%, you get **58.3365, 0.3279, 0.4409**, and if you desaturate by 10%, it is **63.0181, 0.3209, 0.3797**.

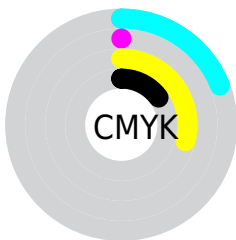
Distribution



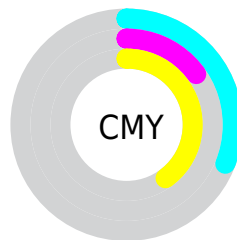
- Red (69%)
- Green (85%)
- Blue (60%)



- Red (60%)
- Yellow (85%)
- Blue (76%)



- Cyan (19%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)





- Cyan (31%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5256, 0.3247, 0.4095 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 60.5256, 0.3247, 0.4095 by changing the saturation by 10% instead.

 60.5256, 0.3247,
0.4095

 60.5256, 0.3247,
0.4095


426.5324, 0.3199,
0.3695

 43.8424, 0.3255,
0.4194

 105.5917, 0.3232,
0.3950

 30.5466, 0.3263,
0.4319


 134.7435, 0.3226,
0.3896

 20.2539, 0.3271,
0.4484

168.8202, 0.3221,
0.3850

 12.5797, 0.3274,
0.4709

208.2063, 0.3215,
0.3810

 7.1398, 0.3265,
0.5034

253.2862, 0.3211,
0.3775

 3.5497, 0.3223,
0.5539

304.4443, 0.3207,

 1.4250, 0.3199,

0.3745

0.6801

362.0649, 0.3203,
0.3718

0.2350, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.5256, 0.3247,
0.4095

60.5256, 0.3247,
0.4095

58.3365, 0.3279,
0.4409

63.0181, 0.3209,
0.3797

56.4307, 0.3301,
0.4729

65.8174, 0.3167,
0.3521

54.7979, 0.3309,
0.5039

68.9369, 0.3124,
0.3270

53.4239, 0.3302,
0.5322

72.3868, 0.3080,
0.3046

■ 52.2930, 0.3278,
0.5558

■ 75.7849, 0.3077,
0.2902

■ 51.3874, 0.3237,
0.5734

■ 77.5892, 0.3145,
0.2910

■ 50.6816, 0.3185,
0.5848

■ 50.6297, 0.3181,
0.5856

Harmonies

Analogous

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



60.5256, 0.3687, 0.4110



60.5256, 0.3247, 0.4095



60.5256, 0.2794, 0.3806

Triad

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



60.5256, 0.3247, 0.4095



60.5256, 0.2321, 0.2639



60.5256, 0.3843, 0.3173

Complementary

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



60.5256, 0.3247, 0.4095



39.1994, 0.2963, 0.2524

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.



60.5256, 0.3428, 0.2844



60.5256, 0.3247, 0.4095



60.5256, 0.2555, 0.2540

Square

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



60.5256, 0.3247, 0.4095



60.5256, 0.2282, 0.2922



60.5256, 0.2952, 0.2618



60.5256, 0.4053, 0.3547

Rectangle

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



60.5256, 0.3247, 0.4095



60.5256, 0.2546, 0.3511



60.5256, 0.2952, 0.2618



60.5256, 0.3722, 0.3055

Sweetspot

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



60.5282, 0.3247, 0.4095



95.8889, 0.3167, 0.3519



54.9911, 0.3637, 0.3765



20.3897, 0.3173, 0.3557



0.0000, 0.0000, 0.0000



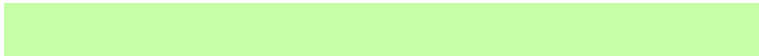
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5282, 0.3247, 0.4095



86.1332, 0.3268, 0.4287



58.4679, 0.3035, 0.4019



14.1052, 0.3168, 0.3527



30.0238, 0.3192, 0.5848



1.8563, 0.3328, 0.5739

Inverse Universe

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



39.1994, 0.2963, 0.2524



50.2104, 0.2918, 0.2351



41.9125, 0.3235, 0.2657



12.4051, 0.3082, 0.3056



6.3170, 0.2349, 0.1068



0.4264, 0.2500, 0.1151

Previews

White Background



This preview shows how the Yxy color 60.5256, 0.3247, 0.4095 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 60.5256, 0.3247, 0.4095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

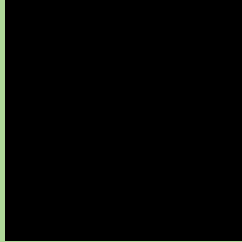
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5256, 0.3247, 0.4095

Background



This preview shows how black text looks on a background with the Yxy color 60.5256, 0.3247, 0.4095.



This preview shows how white text looks on a background with the Yxy color 60.5256, 0.3247, 0.4095.

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

60.5256, 0.3247, 0.4095

Protanopia

60.3839, 0.3664, 0.3940

Deuteranopia

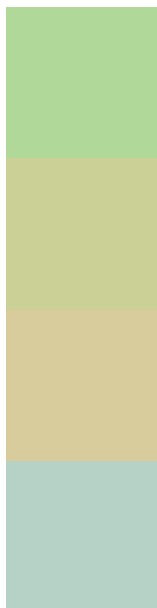
59.8153, 0.3796, 0.3710



Tritanopia

60.3925, 0.2869, 0.3100

Trichromacy



Original Color

60.5256, 0.3247, 0.4095

Protanomaly

60.0103, 0.3504, 0.3991

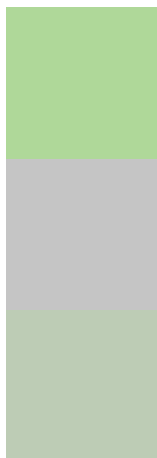
Deuteranomaly

59.7111, 0.3582, 0.3842

Tritanomaly

60.1155, 0.3003, 0.3437

Monochromacy



Original Color

60.5256, 0.3247, 0.4095

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.3407, 0.3175, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5256, 0.3247, 0.4095 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(175, 216, 153)` looks like.

```
.text, #text, p{  
    color:rgb(175, 216, 153)  
}
```

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(175, 216, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 216, 153) }
```

Border

The CSS property to change the border of an element to Yxy 60.5256, 0.3247, 0.4095 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(175, 216, 153) }
```

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

```
.border{ border-color:rgb(175, 216, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 216, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 216, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 216, 153);  
box-shadow:4px 4px 4px 4px rgb(175, 216,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5256, 0.3247, 0.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 216, 153) }
```

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

```
.background{ background-color: rgb(175,  
216, 153) }
```

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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