

Converting Colors

Yxy(60.4186, 0.3293, 0.4280)

Have a look what the booklet for
Yxy(60.4186, 0.3293, 0.4280)
contains.

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Color

Yxy(60.2067, 0.3292, 0.4270)

Conversions

Conversions Part 1

Format	Color
Hex	ABD98D
RGB	171, 217, 141
RGB Percent	67%, 85%, 55%
CMY	0.3294, 0.1490, 0.4470
CMYK	0.21, 0.00, 0.35, 0.15
HSL	96°, 50%, 70%
HSV	96°, 35%, 85%
XYZ	46.4170, 60.2067, 34.3756
YIQ	194.5820, -3.0200, -33.3880

Conversions

Conversions Part 2

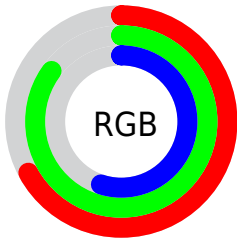
Format	Color
RYB	141, 217, 187
Decimal	11262349
CIELab	81.95, -28.45, 32.70
CIELCh	82, 43.343, 131.032
Yxy	60.2067, 0.3292, 0.4270
Android (android.graphics.Color)	4289452429 (0xFFABD98D)
YUV	194.5820, -26.4159, -20.6814
Hunter-Lab	77.5930, -29.0071, 28.0481

Details

The Yxy color **60.2067, 0.3292, 0.4270** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.6262, 0.2889, 0.2351**, and the grayscale version is **54.4755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7910, 0.3298, 0.3917**, and **30.3608, 0.3307, 0.4543** is the 20% darker color. If you saturate the color by 10%, you get **58.2229, 0.3325, 0.4584**, and if you desaturate by 10%, it is **62.4688, 0.3250, 0.3965**.

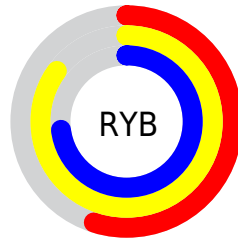
Distribution



Red (67%)

Green (85%)

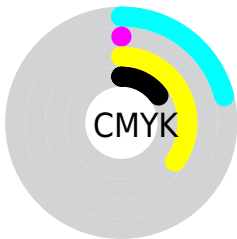
Blue (55%)



Red (55%)

Yellow (85%)

Blue (73%)

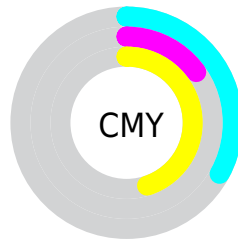


Cyan (21%)

Magenta (0%)

Yellow (35%)

Black (15%)



Cyan (33%)


Magenta (15%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2067, 0.3292, 0.4270 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 60.2067, 0.3292, 0.4270 by changing the saturation by 10% instead.


 60.2067, 0.3292,
0.4270


 60.2067, 0.3292,
0.4270


425.3592, 0.3228,
0.3780


 43.5853, 0.3302,
0.4391


 105.1295, 0.3273,
0.4093

 30.3446, 0.3312,
0.4544


 134.1996, 0.3265,
0.4026

 20.1003, 0.3319,
0.4745

 168.1880, 0.3257,
0.3970

 12.4680, 0.3318,
0.5018

207.4792, 0.3250,
0.3921

 7.0632, 0.3294,
0.5405

252.4575, 0.3244,
0.3879

 3.5017, 0.3270,
0.6103

303.5074, 0.3238,

 1.3989, 0.2869,

0.3842

0.7131

361.0131, 0.3233,
0.3809

0.2159, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.2067, 0.3292,
0.4270

60.2067, 0.3292,
0.4270

58.2229, 0.3325,
0.4584

62.4688, 0.3250,
0.3965

56.4979, 0.3346,
0.4893


65.0123, 0.3203,
0.3678


55.0217, 0.3351,
0.5183


67.8501, 0.3153,
0.3414


53.7804, 0.3337,
0.5435


70.9919, 0.3102,
0.3174


 52.7583, 0.3304,
0.5633

 74.4468, 0.3053,
0.2959

 51.9370, 0.3255,
0.5768

 77.1354, 0.3108,
0.2916

 51.5899, 0.3228,
0.5819

 78.1070, 0.3145,
0.2920

Harmonies

Analogous

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



60.2067, 0.3809, 0.4253



60.2067, 0.3292, 0.4270



60.2067, 0.2757, 0.3940

Triad

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



60.2067, 0.3292, 0.4270



60.2067, 0.2174, 0.2533



60.2067, 0.3957, 0.3121

Complementary

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



60.2067, 0.3292, 0.4270



34.6262, 0.2889, 0.2351

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.



60.2067, 0.3448, 0.2747



60.2067, 0.3292, 0.4270



60.2067, 0.2431, 0.2413

Square

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



60.2067, 0.3292, 0.4270



60.2067, 0.2142, 0.2871



60.2067, 0.2884, 0.2495



60.2067, 0.4223, 0.3553

Rectangle

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



60.2067, 0.3292, 0.4270



60.2067, 0.2461, 0.3583



60.2067, 0.2884, 0.2495



60.2067, 0.3806, 0.2987

Sweetspot

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



60.2093, 0.3292, 0.4270



95.2446, 0.3183, 0.3572



52.0483, 0.3766, 0.3835



20.2687, 0.3190, 0.3608



0.0000, 0.0000, 0.0000



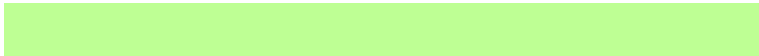
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2093, 0.3292, 0.4270



84.6258, 0.3318, 0.4501



57.4476, 0.3033, 0.4229



14.8557, 0.3175, 0.3527



31.2863, 0.3238, 0.5811



2.0760, 0.3368, 0.5708

Inverse Universe

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



34.6262, 0.2889, 0.2351



42.4722, 0.2823, 0.2142



38.4272, 0.3238, 0.2503



13.0050, 0.3075, 0.3055



6.0323, 0.2247, 0.1012



0.4402, 0.2402, 0.1097

Previews

White Background



This preview shows how the Yxy color 60.2067, 0.3292, 0.4270 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 60.2067, 0.3292, 0.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

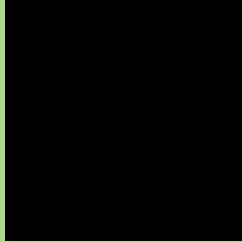
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2067, 0.3292, 0.4270

Background



This preview shows how black text looks on a background with the Yxy color 60.2067, 0.3292, 0.4270.

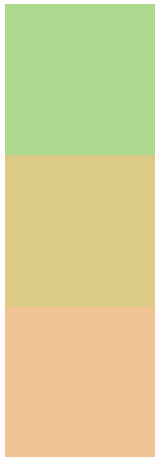


This preview shows how white text looks on a background with the Yxy color 60.2067, 0.3292, 0.4270.

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

60.2067, 0.3292, 0.4270

Protanopia

59.6768, 0.3772, 0.4075

Deuteranopia

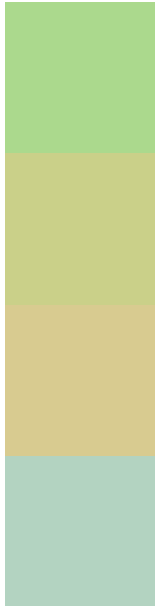
59.8063, 0.3901, 0.3826



Tritanopia

60.1437, 0.2855, 0.3099

Trichromacy



Original Color

60.2067, 0.3292, 0.4270

Protanomaly

59.4744, 0.3588, 0.4149

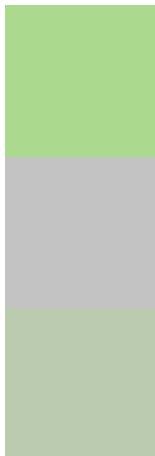
Deuteranomaly

59.3244, 0.3672, 0.3982

Tritanomaly

60.0225, 0.3015, 0.3513

Monochromacy



Original Color

60.2067, 0.3292, 0.4270

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.2461, 0.3196, 0.3643

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2067, 0.3292, 0.4270 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(171, 217, 141)` looks like.

```
.text, #text, p{  
    color:rgb(171, 217, 141)  
}
```

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(171, 217, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 217, 141) }
```

Border

The CSS property to change the border of an element to Yxy 60.2067, 0.3292, 0.4270 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(171, 217, 141) }
```

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

```
.border{ border-color:rgb(171, 217, 141) }
```

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

Here you see how a box with a 4 pixel rgb(171, 217, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 217, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 217, 141);  
box-shadow:4px 4px 4px 4px rgb(171, 217,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2067, 0.3292, 0.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 217, 141) }
```

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

```
.background{ background-color: rgb(171,  
217, 141) }
```

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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