

Converting Colors

$Yxy(61.0510, 0.3267, 0.4283)$

Have a look what the booklet for
Yxy(61.0510, 0.3267, 0.4283)
contains.

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Color

Yxy(61.0510, 0.3267, 0.4283)

Conversions

Conversions Part 1

Format	Color
Hex	A9DB8E
RGB	169, 219, 142
RGB Percent	66%, 86%, 56%
CMY	0.3374, 0.1411, 0.4431
CMYK	0.23, 0.00, 0.35, 0.14
HSL	99°, 52%, 71%
HSV	99°, 35%, 86%
XYZ	46.5687, 61.0510, 34.9229
YIQ	195.2720, -5.0830, -34.5470

Conversions

Conversions Part 2

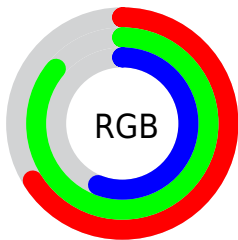
Format	Color
RYB	142, 219, 192
Decimal	11131790
CIELab	82.41, -29.99, 32.76
CIElCh	82, 44.416, 132.470
Yxy	61.0510, 0.3267, 0.4283
Android (android.graphics.Color)	4289321870 (0xFFA9DB8E)
YUV	195.2720, -26.2631, -23.0405
Hunter-Lab	78.1351, -30.3502, 28.1946

Details

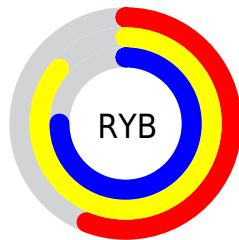
The Yxy color **61.0510, 0.3267, 0.4283** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.6793, 0.2919, 0.2355**, and the grayscale version is **54.9020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5131, 0.3279, 0.3909**, and **30.9511, 0.3275, 0.4559** is the 20% darker color. If you saturate the color by 10%, you get **58.9696, 0.3293, 0.4602**, and if you desaturate by 10%, it is **63.4384, 0.3232, 0.3974**.

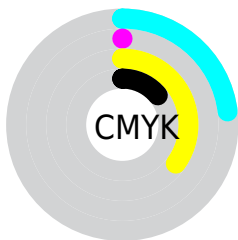
Distribution



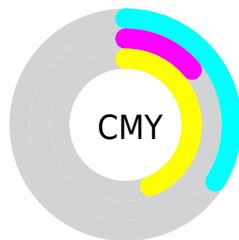
- Red (66%)
- Green (86%)
- Blue (56%)



- Red (56%)
- Yellow (86%)
- Blue (75%)



- Cyan (23%)
- Magenta (0%)
- Yellow (35%)
- Black (14%)





- Cyan (34%)
- Magenta (14%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0510, 0.3267, 0.4283 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 61.0510, 0.3267, 0.4283 by changing the saturation by 10% instead.


 61.0510, 0.3267,
0.4283


 61.0510, 0.3267,
0.4283

428.4610, 0.3215,
0.3787

 44.2663, 0.3274,
0.4405

 106.3528, 0.3252,
0.4104

 30.8799, 0.3280,
0.4560


 135.6387, 0.3246,
0.4036

 20.5074, 0.3282,
0.4764

169.8604, 0.3240,
0.3979

 12.7644, 0.3274,
0.5040

209.4024, 0.3234,
0.3930

 7.2665, 0.3242,
0.5433

254.6491, 0.3229,
0.3887

 3.6293, 0.3192,
0.6117

305.9848, 0.3224,

 1.4685, 0.2808,

0.3849

0.7192

363.7940, 0.3219,
0.3817

0.2664, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.0510, 0.3267,
0.4283

61.0510, 0.3267,
0.4283

58.9696, 0.3293,
0.4602

63.4384, 0.3232,
0.3974

57.1732, 0.3308,
0.4919

66.1361, 0.3192,
0.3684

55.6504, 0.3307,
0.5215

69.1583, 0.3150,
0.3417

54.3855, 0.3289,
0.5472

72.5157, 0.3106,
0.3177

■ 53.3611, 0.3255,
0.5673

■ 76.2188, 0.3063,
0.2962

■ 52.5568, 0.3206,
0.5808

■ 79.0338, 0.3139,
0.2940

■ 52.2332, 0.3181,
0.5857

■ 79.1508, 0.3144,
0.2940

Harmonies

Analogous

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



61.0510, 0.3798, 0.4280



61.0510, 0.3267, 0.4283



61.0510, 0.2725, 0.3930

Triad

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



61.0510, 0.3267, 0.4283



61.0510, 0.2165, 0.2507



61.0510, 0.3994, 0.3137

Complementary

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



61.0510, 0.3267, 0.4283



35.6793, 0.2919, 0.2355

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.



61.0510, 0.3482, 0.2753



61.0510, 0.3267, 0.4283



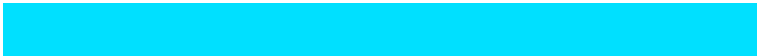
61.0510, 0.2436, 0.2397

Square

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



61.0510, 0.3267, 0.4283



61.0510, 0.2121, 0.2840



61.0510, 0.2905, 0.2490



61.0510, 0.4250, 0.3577

Rectangle

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



61.0510, 0.3267, 0.4283



61.0510, 0.2429, 0.3561



61.0510, 0.2905, 0.2490



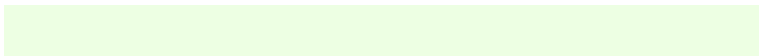
61.0510, 0.3843, 0.3000

Sweetspot

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



61.0536, 0.3267, 0.4283



95.0273, 0.3175, 0.3572



54.7423, 0.3754, 0.3880



20.2171, 0.3181, 0.3609



0.0000, 0.0000, 0.0000



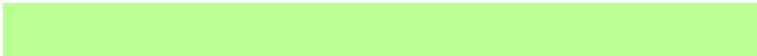
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0536, 0.3267, 0.4283



84.0157, 0.3287, 0.4513



58.7407, 0.3009, 0.4180



14.8267, 0.3168, 0.3528



31.0224, 0.3191, 0.5849



2.0569, 0.3319, 0.5747

Inverse Universe

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



35.6793, 0.2919, 0.2355



43.2011, 0.2862, 0.2154



38.9384, 0.3274, 0.2539



13.0350, 0.3082, 0.3056



6.5255, 0.2349, 0.1068



0.4701, 0.2491, 0.1146

Previews

White Background



This preview shows how the Yxy color 61.0510, 0.3267, 0.4283 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 61.0510, 0.3267, 0.4283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

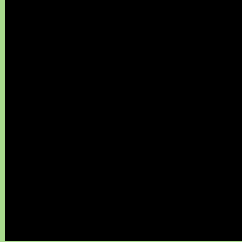
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0510, 0.3267, 0.4283

Background



This preview shows how black text looks on a background with the Yxy color 61.0510, 0.3267, 0.4283.

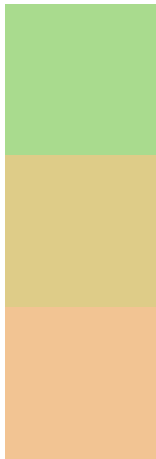


This preview shows how white text looks on a background with the Yxy color 61.0510, 0.3267, 0.4283.

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

61.0510, 0.3267, 0.4283

Protanopia

60.4929, 0.3778, 0.4069

Deuteranopia

60.4637, 0.3897, 0.3824



Tritanopia

60.9823, 0.2830, 0.3100

Trichromacy



Original Color

61.0510, 0.3267, 0.4283



Protanomaly

60.1324, 0.3586, 0.4145



Deuteranomaly

59.6771, 0.3653, 0.3983



Tritanomaly

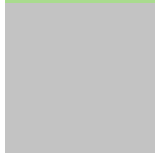
60.8757, 0.2988, 0.3513

Monochromacy



Original Color

61.0510, 0.3267, 0.4283



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

56.7594, 0.3188, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0510, 0.3267, 0.4283 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(169, 219, 142)` looks like.

```
.text, #text, p{  
    color:rgb(169, 219, 142)  
}
```

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(169, 219, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 219, 142) }
```

Border

The CSS property to change the border of an element to Yxy 61.0510, 0.3267, 0.4283 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(169, 219, 142) }
```

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

```
.border{ border-color:rgb(169, 219, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 219, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 219, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 219, 142);  
box-shadow:4px 4px 4px 4px rgb(169, 219,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0510, 0.3267, 0.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 219, 142) }
```

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

```
.background{ background-color: rgb(169,  
219, 142) }
```

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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