

Converting Colors

Yxy(66.1478, 0.3149, 0.4262)

Have a look what the booklet for
Yxy(66.1478, 0.3149, 0.4262)
contains.

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Color

Yxy(66.1251, 0.3147, 0.4257)

Conversions

Conversions Part 1

Format	Color
Hex	A3E599
RGB	163, 229, 153
RGB Percent	64%, 90%, 60%
CMY	0.3605, 0.1020, 0.4000
CMYK	0.29, 0.00, 0.33, 0.10
HSL	112°, 59%, 75%
HSV	112°, 33%, 90%
XYZ	48.8832, 66.1251, 40.3244
YIQ	200.6020, -14.9400, -37.6280

Conversions

Conversions Part 2

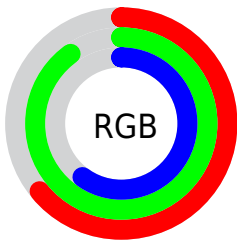
Format	Color
RYB	153, 229, 219
Decimal	10741145
CIELab	85.06, -35.00, 30.62
CIElCh	85, 46.505, 138.826
Yxy	66.1251, 0.3147, 0.4257
Android (android.graphics.Color)	4288931225 (0xFFA3E599)
YUV	200.6020, -23.4678, -32.9770
Hunter-Lab	81.3173, -35.0017, 27.5209

Details

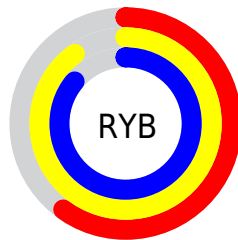
The Yxy color **66.1251, 0.3147, 0.4257** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.4895, 0.3077, 0.2445**, and the grayscale version is **58.3137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1341, 0.3172, 0.3786**, and **34.0779, 0.3133, 0.4524** is the 20% darker color. If you saturate the color by 10%, you get **63.5063, 0.3145, 0.4600**, and if you desaturate by 10%, it is **69.2242, 0.3144, 0.3932**.

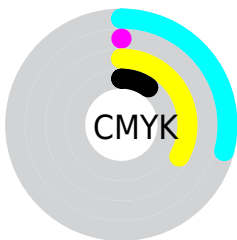
Distribution



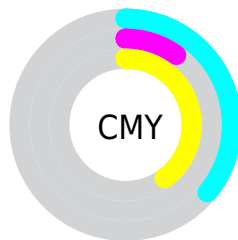
- Red (64%)
- Green (90%)
- Blue (60%)



- Red (60%)
- Yellow (90%)
- Blue (86%)



- Cyan (29%)
- Magenta (0%)
- Yellow (33%)
- Black (10%)





- Cyan (36%)
- Magenta (10%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1251, 0.3147, 0.4257 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 66.1251, 0.3147, 0.4257 by changing the saturation by 10% instead.


 66.1251, 0.3147,
0.4257

 66.1251, 0.3147,
0.4257


446.8241, 0.3152,
0.3778

 48.3740, 0.3141,
0.4374


 113.6659, 0.3152,
0.4085

 34.1231, 0.3132,
0.4523

 144.2243, 0.3153,
0.4019

 22.9882, 0.3115,
0.4717


179.8206, 0.3154,
0.3964

 14.5848, 0.3085,
0.4981

220.8392, 0.3154,
0.3916

 8.5285, 0.3027,
0.5355

267.6644, 0.3153,
0.3875

 4.4350, 0.2905,
0.5920

320.6807, 0.3153,

 1.9197, 0.2755,

0.3839

0.7245

380.2725, 0.3153,
0.3806

0.5602, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

66.1251, 0.3147,
0.4257

66.1251, 0.3147,
0.4257

63.5063, 0.3145,
0.4600

69.2242, 0.3144,
0.3932

61.3358, 0.3137,
0.4947

72.8172, 0.3138,
0.3635

59.5905, 0.3123,
0.5275

76.9274, 0.3130,
0.3368

58.2421, 0.3102,
0.5561

81.5745, 0.3120,
0.3133

■ 57.2587, 0.3076,
0.5781

■ 84.5145, 0.3139,
0.3039

■ 56.6032, 0.3048,
0.5920

■ 56.3154, 0.3031,
0.5976

Harmonies

Analogous

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



66.1251, 0.3704, 0.4329



66.1251, 0.3147, 0.4257



66.1251, 0.2613, 0.3831

Triad

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



66.1251, 0.3147, 0.4257



66.1251, 0.2188, 0.2451



66.1251, 0.4093, 0.3226

Complementary

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



66.1251, 0.3147, 0.4257



43.4895, 0.3077, 0.2445

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.



66.1251, 0.3612, 0.2818



66.1251, 0.3147, 0.4257



66.1251, 0.2510, 0.2385

Square

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



66.1251, 0.3147, 0.4257



66.1251, 0.2093, 0.2740



66.1251, 0.3020, 0.2520



66.1251, 0.4283, 0.3675

Rectangle

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



66.1251, 0.3147, 0.4257



66.1251, 0.2339, 0.3438



66.1251, 0.3020, 0.2520



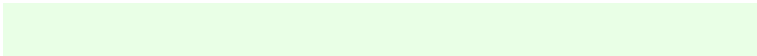
66.1251, 0.3958, 0.3082

Sweetspot

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



66.1279, 0.3147, 0.4257



94.5080, 0.3136, 0.3548



69.5471, 0.3660, 0.4017



20.0751, 0.3137, 0.3587



0.0000, 0.0000, 0.0000



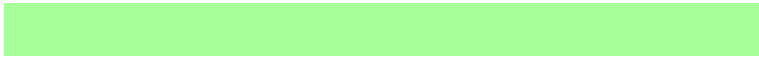
21.4041, 0.3127, 0.3290

Same Dimension

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



66.1279, 0.3147, 0.4257



81.9817, 0.3146, 0.4498



66.1378, 0.2921, 0.3904



16.1802, 0.3136, 0.3532



32.2299, 0.3036, 0.5971



2.4112, 0.3110, 0.5913

Inverse Universe

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



43.4895, 0.3077, 0.2445



48.7903, 0.3061, 0.2267



43.6634, 0.3416, 0.2749



14.5134, 0.3117, 0.3057



10.1896, 0.2878, 0.1359



0.7800, 0.2929, 0.1387

Previews

White Background



This preview shows how the Yxy color 66.1251, 0.3147, 0.4257 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 66.1251, 0.3147, 0.4257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

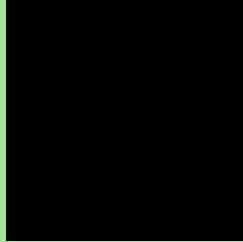
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1251, 0.3147, 0.4257

Background



This preview shows how black text looks on a background with the Yxy color 66.1251, 0.3147, 0.4257.



This preview shows how white text looks on a background with the Yxy color 66.1251, 0.3147, 0.4257.

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

66.1251, 0.3147, 0.4257

Protanopia

65.3219, 0.3736, 0.4014

Deuteranopia

65.3548, 0.3834, 0.3757



Tritanopia

66.1841, 0.2749, 0.3092

Trichromacy



Original Color

66.1251, 0.3147, 0.4257



Protanomaly

65.2919, 0.3500, 0.4105



Deuteranomaly

64.4267, 0.3565, 0.3923



Tritanomaly

66.1158, 0.2895, 0.3495

Monochromacy



Original Color

66.1251, 0.3147, 0.4257



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

60.6140, 0.3134, 0.3622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1251, 0.3147, 0.4257 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(163, 229, 153)` looks like.

```
.text, #text, p{  
    color:rgb(163, 229, 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(163, 229, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 229, 153) }
```

Border

The CSS property to change the border of an element to Yxy 66.1251, 0.3147, 0.4257 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(163, 229, 153) }
```

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

```
.border{ border-color:rgb(163, 229, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 229, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 229, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 229, 153);  
box-shadow:4px 4px 4px 4px rgb(163, 229,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1251, 0.3147, 0.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 229, 153) }
```

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

```
.background{ background-color: rgb(163,  
229, 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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