

Converting Colors

Yxy(63.1038, 0.3008, 0.4041)

Have a look what the booklet for
Yxy(63.1038, 0.3008, 0.4041)
contains.

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Color

Yxy(62.9714, 0.3007, 0.4032)

Conversions

Conversions Part 1

Format	Color
Hex	9AE0A7
RGB	154, 224, 167
RGB Percent	60%, 88%, 65%
CMY	0.3959, 0.1216, 0.3450
CMYK	0.31, 0.00, 0.25, 0.12
HSL	131°, 53%, 74%
HSV	131°, 31%, 88%
XYZ	46.9630, 62.9714, 46.2446
YIQ	196.5720, -23.4230, -32.5670

Conversions

Conversions Part 2

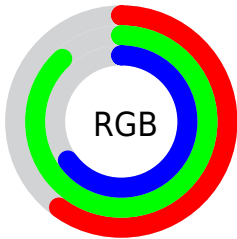
Format	Color
RYB	154, 213, 224
Decimal	10150055
CIELab	83.43, -33.28, 21.09
CIELCh	83, 39.402, 147.638
Yxy	62.9714, 0.3007, 0.4032
Android (android.graphics.Color)	4288340135 (0xFF9AE0A7)
YUV	196.5720, -14.5790, -37.3356
Hunter-Lab	79.3545, -33.2318, 20.9963

Details

The Yxy color **62.9714, 0.3007, 0.4032** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.6743, 0.3277, 0.2648**, and the grayscale version is **55.6697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4956, 0.3038, 0.3640**, and **31.9524, 0.2960, 0.4231** is the 20% darker color. If you saturate the color by 10%, you get **60.3488, 0.2973, 0.4321**, and if you desaturate by 10%, it is **66.1047, 0.3045, 0.3766**.

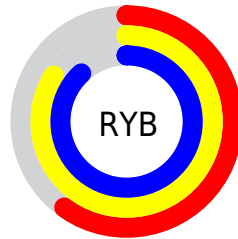
Distribution



Red (60%)

Green (88%)

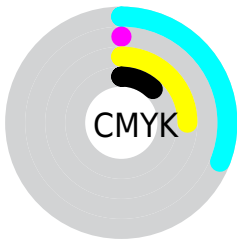
Blue (65%)



Red (60%)

Yellow (84%)

Blue (88%)

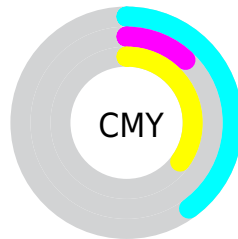


Cyan (31%)

Magenta (0%)

Yellow (25%)

Black (12%)



Cyan (40%)


Magenta (12%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9714, 0.3007, 0.4032 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 62.9714, 0.3007, 0.4032 by changing the saturation by 10% instead.


 62.9714, 0.3007,
0.4032


 62.9714, 0.3007,
0.4032


435.4657, 0.3073,
0.3663

 45.8181, 0.2989,
0.4123

 109.1282, 0.3032,
0.3898

 32.1023, 0.2965,
0.4240


 138.9006, 0.3041,
0.3848

 21.4396, 0.2932,
0.4394


173.6480, 0.3049,
0.3805

 13.4457, 0.2883,
0.4605


213.7549, 0.3055,
0.3769

 7.7362, 0.2806,
0.4914

259.6058, 0.3060,
0.3737

 3.9266, 0.2669,
0.5401

311.5849, 0.3065,

 1.6326, 0.2526,

0.3709

0.6868

370.0768, 0.3069,
0.3685

0.3794, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.9714, 0.3007,
0.4032

62.9714, 0.3007,
0.4032

60.3488, 0.2973,
0.4321

66.1047, 0.3045,
0.3766

58.2020, 0.2945,
0.4625

69.7654, 0.3084,
0.3526

56.5044, 0.2925,
0.4932

73.9795, 0.3122,
0.3314

55.2234, 0.2916,
0.5226

78.7687, 0.3160,
0.3129

■ 54.3218, 0.2920,
0.5488

■ 81.7899, 0.3141,
0.2989

■ 53.7557, 0.2936,
0.5700

■ 53.4738, 0.2955,
0.5839

Harmonies

Analogous

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



62.9714, 0.3498, 0.4195



62.9714, 0.3007, 0.4032



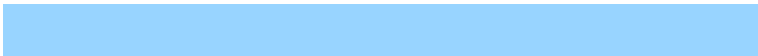
62.9714, 0.2570, 0.3610

Triad

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



62.9714, 0.3007, 0.4032



62.9714, 0.2371, 0.2523



62.9714, 0.4036, 0.3357

Complementary

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



62.9714, 0.3007, 0.4032



43.6743, 0.3277, 0.2648

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.



62.9714, 0.3685, 0.2979



62.9714, 0.3007, 0.4032



62.9714, 0.2710, 0.2515

Square

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



62.9714, 0.3007, 0.4032



62.9714, 0.2225, 0.2724



62.9714, 0.3188, 0.2680



62.9714, 0.4115, 0.3749

Rectangle

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



62.9714, 0.3007, 0.4032



62.9714, 0.2363, 0.3274



62.9714, 0.3188, 0.2680



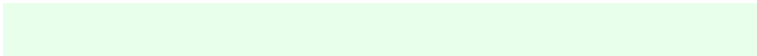
62.9714, 0.3945, 0.3226

Sweetspot

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



62.9740, 0.3007, 0.4032



94.7582, 0.3092, 0.3478



69.5184, 0.3499, 0.4094



20.1133, 0.3086, 0.3511



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.



62.9740, 0.3007, 0.4032



82.2812, 0.2986, 0.4204



64.4403, 0.2803, 0.3568



15.3786, 0.3091, 0.3487



31.1389, 0.2950, 0.5819



2.1706, 0.2874, 0.5547

Inverse Universe

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



43.6743, 0.3277, 0.2648



52.7712, 0.3314, 0.2524



42.1123, 0.3610, 0.3031



13.8897, 0.3166, 0.3101



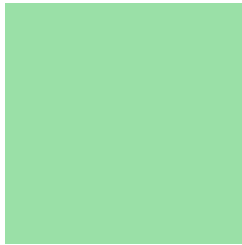
11.2169, 0.3740, 0.1834



0.7889, 0.3644, 0.1781

Previews

White Background



This preview shows how the Yxy color 62.9714, 0.3007, 0.4032 looks on a white background.

Color Contrast Check

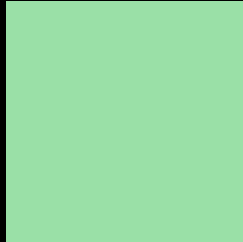
Large Text (above 18pt) WCAG AA × Fail

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 62.9714, 0.3007, 0.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

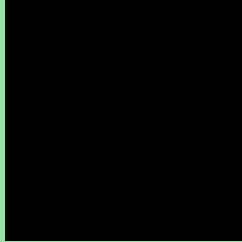
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.9714, 0.3007, 0.4032

Background



This preview shows how black text looks on a background with the Yxy color 62.9714, 0.3007, 0.4032.



This preview shows how white text looks on a background with the Yxy color 62.9714, 0.3007, 0.4032.

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

62.9714, 0.3007, 0.4032

Protanopia

62.5010, 0.3589, 0.3842

Deuteranopia

62.1761, 0.3662, 0.3587



Tritanopia

62.6996, 0.2694, 0.3074

Trichromacy



Original Color

62.9714, 0.3007, 0.4032



Protanomaly

62.0675, 0.3360, 0.3910



Deuteranomaly

61.4239, 0.3400, 0.3741



Tritanomaly

62.4276, 0.2804, 0.3401

Monochromacy



Original Color

62.9714, 0.3007, 0.4032



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.9946, 0.3077, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9714, 0.3007, 0.4032 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(154, 224, 167)` looks like.

```
.text, #text, p{  
    color:rgb(154, 224, 167)  
}
```

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(154, 224, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 224, 167) }
```

Border

The CSS property to change the border of an element to Yxy 62.9714, 0.3007, 0.4032 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(154, 224, 167) }
```

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

```
.border{ border-color:rgb(154, 224, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 224, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 224, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 224, 167);  
box-shadow:4px 4px 4px 4px rgb(154, 224,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9714, 0.3007, 0.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 224, 167) }
```

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

```
.background{ background-color: rgb(154,  
224, 167) }
```

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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