

Converting Colors

Yxy(62.5672, 0.3155, 0.4147)

Have a look what the booklet for
Yxy(62.5672, 0.3155, 0.4147)
contains.

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Color

Yxy(62.6084, 0.3155, 0.4153)

Conversions

Conversions Part 1

Format	Color
Hex	A5DE9B
RGB	165, 222, 155
RGB Percent	65%, 87%, 61%
CMY	0.3527, 0.1294, 0.3922
CMYK	0.26, 0.00, 0.30, 0.13
HSL	111°, 50%, 74%
HSV	111°, 30%, 87%
XYZ	47.5631, 62.6084, 40.5831
YIQ	197.3190, -12.4650, -32.9210

Conversions

Conversions Part 2

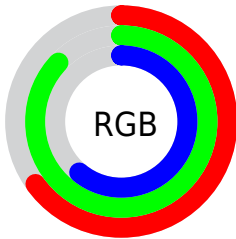
Format	Color
RYB	155, 222, 212
Decimal	10870427
CIELab	83.24, -30.78, 27.16
CIELCh	83, 41.053, 138.571
Yxy	62.6084, 0.3155, 0.4153
Android (android.graphics.Color)	4289060507 (0xFFA5DE9B)
YUV	197.3190, -20.8633, -28.3438
Hunter-Lab	79.1255, -31.1715, 24.9782

Details

The Yxy color **62.6084, 0.3155, 0.4153** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.6990, 0.3073, 0.2522**, and the grayscale version is **56.1795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5453, 0.3173, 0.3762**, and **31.9962, 0.3143, 0.4406** is the 20% darker color. If you saturate the color by 10%, you get **60.0558, 0.3157, 0.4490**, and if you desaturate by 10%, it is **65.6018, 0.3149, 0.3838**.

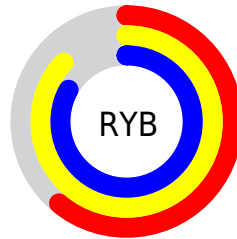
Distribution



Red (65%)

Green (87%)

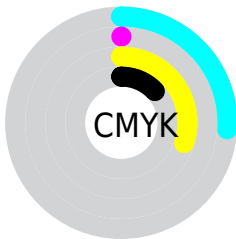
Blue (61%)



Red (61%)

Yellow (87%)

Blue (83%)

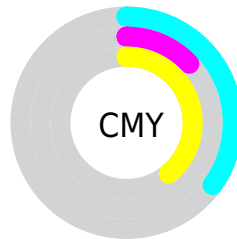


Cyan (26%)

Magenta (0%)

Yellow (30%)

Black (13%)



Cyan (35%)


Magenta (13%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6084, 0.3155, 0.4153 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 62.6084, 0.3155, 0.4153 by changing the saturation by 10% instead.

 62.6084, 0.3155,
0.4153

 62.6084, 0.3155,
0.4153


434.1469, 0.3153,
0.3723

 45.5245, 0.3152,
0.4259


 108.6044, 0.3157,
0.3998

 31.8707, 0.3146,
0.4394


 138.2852, 0.3157,
0.3939

 21.2628, 0.3134,
0.4571


172.9338, 0.3157,
0.3889

 13.3162, 0.3112,
0.4814

212.9345, 0.3156,
0.3847

 7.6467, 0.3068,
0.5164

258.6718, 0.3155,
0.3810

 3.8697, 0.2967,
0.5704

310.5300, 0.3155,

 1.6009, 0.2860,

0.3777

0.7140

368.8936, 0.3154,
0.3749

0.3582, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.6084, 0.3155,
0.4153

62.6084, 0.3155,
0.4153

60.0558, 0.3157,
0.4490

65.6018, 0.3149,
0.3838

57.9155, 0.3153,
0.4835

69.0472, 0.3139,
0.3551

56.1679, 0.3142,
0.5169

72.9653, 0.3127,
0.3294

54.7887, 0.3123,
0.5469

77.3730, 0.3115,
0.3069

■ 53.7508, 0.3097,
0.5711

■ 80.7190, 0.3142,
0.2970

■ 53.0231, 0.3067,
0.5877

■ 52.5684, 0.3039,
0.5969

Harmonies

Analogous

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



62.6084, 0.3657, 0.4223



62.6084, 0.3155, 0.4153



62.6084, 0.2669, 0.3777

Triad

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



62.6084, 0.3155, 0.4153



62.6084, 0.2272, 0.2532



62.6084, 0.3992, 0.3234

Complementary

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



62.6084, 0.3155, 0.4153



42.6990, 0.3073, 0.2522

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.



62.6084, 0.3560, 0.2860



62.6084, 0.3155, 0.4153



62.6084, 0.2566, 0.2467

Square

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



62.6084, 0.3155, 0.4153



62.6084, 0.2187, 0.2802



62.6084, 0.3029, 0.2587



62.6084, 0.4167, 0.3645

Rectangle

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



62.6084, 0.3155, 0.4153



62.6084, 0.2418, 0.3431



62.6084, 0.3029, 0.2587



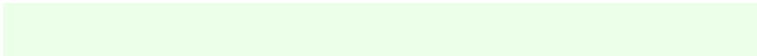
62.6084, 0.3870, 0.3102

Sweetspot

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



62.6111, 0.3155, 0.4153



95.0963, 0.3138, 0.3520



64.3971, 0.3615, 0.3927



20.1957, 0.3139, 0.3560



0.0000, 0.0000, 0.0000



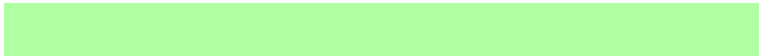
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6111, 0.3155, 0.4153



83.5182, 0.3157, 0.4356



62.3940, 0.2951, 0.3868



15.4356, 0.3138, 0.3531



31.2565, 0.3044, 0.5965



2.1979, 0.3130, 0.5897

Inverse Universe

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



42.6990, 0.3073, 0.2522



52.2222, 0.3057, 0.2364



43.1224, 0.3362, 0.2776



13.8258, 0.3114, 0.3057



9.5700, 0.2833, 0.1334



0.6920, 0.2895, 0.1368

Previews

White Background



This preview shows how the Yxy color 62.6084, 0.3155, 0.4153 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 62.6084, 0.3155, 0.4153 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 62.6084, 0.3155, 0.4153

Background



This preview shows how black text looks on a background with the Yxy color 62.6084, 0.3155, 0.4153.



This preview shows how white text looks on a background with the Yxy color 62.6084, 0.3155, 0.4153.

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

62.6084, 0.3155, 0.4153

Protanopia

61.8103, 0.3682, 0.3955

Deuteranopia

61.8035, 0.3786, 0.3705



Tritanopia

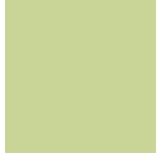
62.2091, 0.2782, 0.3088

Trichromacy



Original Color

62.6084, 0.3155, 0.4153



Protanomaly

61.7388, 0.3470, 0.4026



Deuteranomaly

61.3904, 0.3539, 0.3865



Tritanomaly

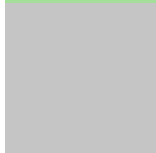
62.2602, 0.2916, 0.3462

Monochromacy



Original Color

62.6084, 0.3155, 0.4153



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.8343, 0.3136, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6084, 0.3155, 0.4153 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(165, 222, 155)` looks like.

```
.text, #text, p{  
    color:rgb(165, 222, 155)  
}
```

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(165, 222, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 222, 155) }
```

Border

The CSS property to change the border of an element to Yxy 62.6084, 0.3155, 0.4153 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(165, 222, 155) }
```

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

```
.border{ border-color:rgb(165, 222, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 222, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 222, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 222, 155);  
box-shadow:4px 4px 4px 4px rgb(165, 222,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6084, 0.3155, 0.4153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 222, 155) }
```

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

```
.background{ background-color: rgb(165,  
222, 155) }
```

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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