

Converting Colors

Yxy(64.4431, 0.3028, 0.4098)

Have a look what the booklet for
Yxy(64.4431, 0.3028, 0.4098)
contains.

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Color

Yxy(64.5871, 0.3031, 0.4105)

Conversions

Conversions Part 1

Format	Color
Hex	9BE3A4
RGB	155, 227, 164
RGB Percent	61%, 89%, 64%
CMY	0.3921, 0.1098, 0.3570
CMYK	0.32, 0.00, 0.28, 0.11
HSL	127°, 56%, 75%
HSV	127°, 32%, 89%
XYZ	47.6890, 64.5871, 45.0615
YIQ	198.2900, -22.6890, -34.8570

Conversions

Conversions Part 2

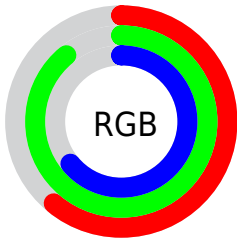
Format	Color
RYB	155, 219, 227
Decimal	10216356
CIELab	84.27, -34.89, 23.84
CIElCh	84, 42.255, 145.659
Yxy	64.5871, 0.3031, 0.4105
Android (android.graphics.Color)	4288406436 (0xFF9BE3A4)
YUV	198.2900, -16.9050, -37.9653
Hunter-Lab	80.3661, -34.7192, 23.0122

Details

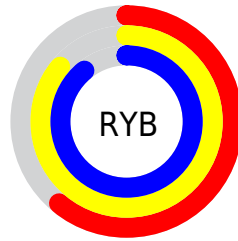
The Yxy color **64.5871, 0.3031, 0.4105** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.8476, 0.3241, 0.2593**, and the grayscale version is **56.7760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4834, 0.3060, 0.3672**, and **33.0624, 0.2991, 0.4326** is the 20% darker color. If you saturate the color by 10%, you get **61.8877, 0.3003, 0.4417**, and if you desaturate by 10%, it is **67.8264, 0.3061, 0.3816**.

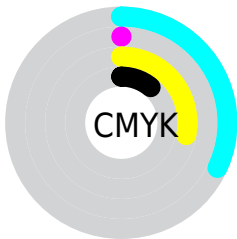
Distribution



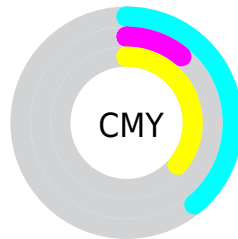
- Red (61%)
- Green (89%)
- Blue (64%)



- Red (61%)
- Yellow (86%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)





- Cyan (39%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5871, 0.3031, 0.4105 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 64.5871, 0.3031, 0.4105 by changing the saturation by 10% instead.


 64.5871, 0.3031,
0.4105

 64.5871, 0.3031,
0.4105


441.3067, 0.3087,
0.3700

 47.1264, 0.3015,
0.4205


 111.4560, 0.3053,
0.3959

 33.1356, 0.2993,
0.4332


 141.6330, 0.3061,
0.3904

 22.2303, 0.2962,
0.4499


176.8175, 0.3067,
0.3857

 14.0262, 0.2916,
0.4728

217.3939, 0.3072,
0.3817

 8.1389, 0.2840,
0.5060

263.7466, 0.3077,
0.3782

 4.1840, 0.2704,
0.5577


316.2601, 0.3081,

 1.7770, 0.2620,


0.3751


0.7164

375.3186, 0.3084,
0.3724


 0.4728, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 64.5871, 0.3031,
0.4105


 64.5871, 0.3031,
0.4105


 61.8877, 0.3003,
0.4417

 67.8264, 0.3061,
0.3816


 59.6910, 0.2979,
0.4742

 71.6242, 0.3092,
0.3556

 57.9683, 0.2962,
0.5064

 76.0080, 0.3122,
0.3326

 56.6841, 0.2954,
0.5364

 81.0014, 0.3151,
0.3125

■ 55.7984, 0.2955,
0.5619

■ 83.4193, 0.3140,
0.3019

■ 55.2631, 0.2966,
0.5811

■ 55.0241, 0.2977,
0.5918

Harmonies

Analogous

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



64.5871, 0.3551, 0.4254



64.5871, 0.3031, 0.4105



64.5871, 0.2561, 0.3665

Triad

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



64.5871, 0.3031, 0.4105



64.5871, 0.2310, 0.2485



64.5871, 0.4078, 0.3330

Complementary

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



64.5871, 0.3031, 0.4105



44.8476, 0.3241, 0.2593

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.



64.5871, 0.3688, 0.2935



64.5871, 0.3031, 0.4105



64.5871, 0.2654, 0.2466

Square

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



64.5871, 0.3031, 0.4105



64.5871, 0.2172, 0.2709



64.5871, 0.3154, 0.2629



64.5871, 0.4181, 0.3745

Rectangle

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



64.5871, 0.3031, 0.4105



64.5871, 0.2335, 0.3305



64.5871, 0.3154, 0.2629



64.5871, 0.3975, 0.3193

Sweetspot

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



64.5898, 0.3031, 0.4105



94.1247, 0.3097, 0.3517



72.3055, 0.3541, 0.4097



19.9833, 0.3093, 0.3551



0.0000, 0.0000, 0.0000



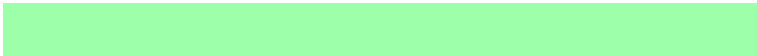
21.4041, 0.3127, 0.3290

Same Dimension

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



64.5898, 0.3031, 0.4105



81.7070, 0.3012, 0.4307



66.0531, 0.2826, 0.3635



16.1182, 0.3099, 0.3502



32.0988, 0.2973, 0.5903



2.3815, 0.2917, 0.5701

Inverse Universe

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



44.8476, 0.3241, 0.2593



52.2162, 0.3270, 0.2451



43.1857, 0.3573, 0.2972



14.5828, 0.3157, 0.3087



11.9351, 0.3549, 0.1729



0.8907, 0.3492, 0.1698

Previews

White Background



This preview shows how the Yxy color 64.5871, 0.3031, 0.4105 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 64.5871, 0.3031, 0.4105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

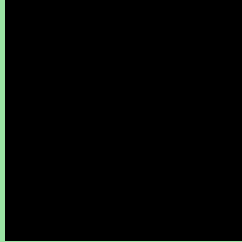
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.5871, 0.3031, 0.4105

Background



This preview shows how black text looks on a background with the Yxy color 64.5871, 0.3031, 0.4105.



This preview shows how white text looks on a background with the Yxy color 64.5871, 0.3031, 0.4105.

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

64.5871, 0.3031, 0.4105

Protanopia

63.8485, 0.3630, 0.3893

Deuteranopia

63.7303, 0.3705, 0.3627



Tritanopia

64.5760, 0.2699, 0.3088

Trichromacy



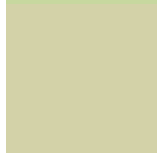
Original Color

64.5871, 0.3031, 0.4105



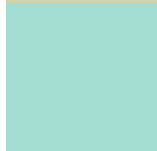
Protanomaly

63.7571, 0.3390, 0.3976



Deuteranomaly

62.7692, 0.3434, 0.3783



Tritanomaly

64.2089, 0.2820, 0.3437

Monochromacy



Original Color

64.5871, 0.3031, 0.4105



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

59.0912, 0.3084, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5871, 0.3031, 0.4105 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(155, 227, 164)` looks like.

```
.text, #text, p{  
    color:rgb(155, 227, 164)  
}
```

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(155, 227, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 227, 164) }
```

Border

The CSS property to change the border of an element to Yxy 64.5871, 0.3031, 0.4105 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(155, 227, 164) }
```

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

```
.border{ border-color:rgb(155, 227, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 227, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 227, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 227, 164);  
box-shadow:4px 4px 4px 4px rgb(155, 227,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5871, 0.3031, 0.4105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 227, 164) }
```

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

```
.background{ background-color: rgb(155,  
227, 164) }
```

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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