

Converting Colors

Yxy(64.0584, 0.3069, 0.4075)

Have a look what the booklet for
Yxy(64.0584, 0.3069, 0.4075)
contains.

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Color

Yxy(64.1078, 0.3071, 0.4073)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A1E1A4 |
| RGB | 161, 225, 164 |
| RGB Percent | 63%, 88%, 64% |
| CMY | 0.3683, 0.1177, 0.3568 |
| CMYK | 0.28, 0.00, 0.27, 0.12 |
| HSL | 123°, 52%, 76% |
| HSV | 123°, 28%, 88% |
| XYZ | 48.3366, 64.1078, 44.9526 |
| YIQ | 198.9100, -18.5630, -32.5390 |

Conversions

Conversions Part 2

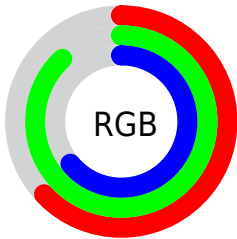
| Format | Color |
|-------------------------------------|--|
| RYB | 161, 222, 225 |
| Decimal | 10609060 |
| CIELab | 84.02, -32.03, 23.53 |
| CIElCh | 84, 39.741, 143.698 |
| Yxy | 64.1078, 0.3071, 0.4073 |
| Android (android.graphics.Color) | 4288799140 (0xFFA1E1A4) |
| YUV | 198.9100, -17.2106, -33.2471 |
| Hunter-Lab | 80.0673, -32.3575, 22.7597 |

Details

The Yxy color **64.1078, 0.3071, 0.4073** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.8010, 0.3185, 0.2615**, and the grayscale version is **57.1826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3862, 0.3097, 0.3668**, and **32.6716, 0.3039, 0.4284** is the 20% darker color. If you saturate the color by 10%, you get **61.2667, 0.3050, 0.4405**, and if you desaturate by 10%, it is **67.5059, 0.3092, 0.3768**.

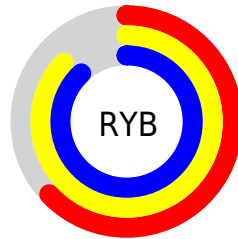
Distribution



Red (63%)

Green (88%)

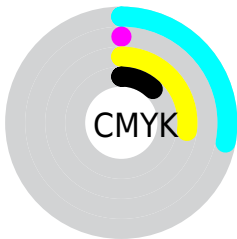
Blue (64%)



Red (63%)

Yellow (87%)

Blue (88%)

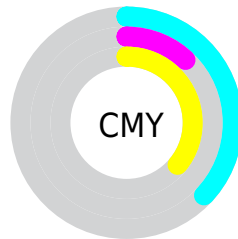


Cyan (28%)

Magenta (0%)

Yellow (27%)

Black (12%)



Cyan (37%)


Magenta (12%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1078, 0.3071, 0.4073 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 64.1078, 0.3071, 0.4073 by changing the saturation by 10% instead.


 64.1078, 0.3071,
0.4073


 64.1078, 0.3071,
0.4073


439.5788, 0.3107,
0.3685

 46.7380, 0.3060,
0.4169


 110.7662, 0.3086,
0.3933

 32.8286, 0.3044,
0.4290


 140.8235, 0.3091,
0.3880

 21.9952, 0.3021,
0.4450


175.8788, 0.3095,
0.3835

 13.8533, 0.2986,
0.4669

216.3165, 0.3098,
0.3796

 8.0187, 0.2926,
0.4987

262.5210, 0.3101,
0.3763

 4.1069, 0.2813,
0.5480

314.8766, 0.3103,

 1.7336, 0.2805,

0.3734

0.7012

373.7677, 0.3105,
0.3708

0.4452, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

64.1078, 0.3071,
0.4073

64.1078, 0.3071,
0.4073

61.2667, 0.3050,
0.4405

67.5059, 0.3092,
0.3768

58.9453, 0.3030,
0.4752

71.4797, 0.3112,
0.3494

57.1146, 0.3013,
0.5095

76.0573, 0.3130,
0.3254

55.7392, 0.3000,
0.5411

81.2624, 0.3147,
0.3045

■ 54.7792, 0.2993,
0.5673

■ 82.3243, 0.3141,
0.2999

■ 54.1876, 0.2991,
0.5861

■ 53.8984, 0.2994,
0.5967

■ 53.8669, 0.2994,
0.5977

Harmonies

Analogous

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



64.1078, 0.3561, 0.4196



64.1078, 0.3071, 0.4073



64.1078, 0.2619, 0.3676

Triad

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



64.1078, 0.3071, 0.4073



64.1078, 0.2338, 0.2536



64.1078, 0.4006, 0.3305

Complementary

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



64.1078, 0.3071, 0.4073



46.8010, 0.3185, 0.2615

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.



64.1078, 0.3626, 0.2933



64.1078, 0.3071, 0.4073



64.1078, 0.2654, 0.2504

Square

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



64.1078, 0.3071, 0.4073



64.1078, 0.2220, 0.2764



64.1078, 0.3120, 0.2648



64.1078, 0.4125, 0.3700

Rectangle

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



64.1078, 0.3071, 0.4073



64.1078, 0.2396, 0.3340



64.1078, 0.3120, 0.2648



64.1078, 0.3903, 0.3175

Sweetspot

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



64.1105, 0.3071, 0.4073



94.5732, 0.3110, 0.3511



72.0858, 0.3539, 0.4002



20.0681, 0.3107, 0.3549



0.0000, 0.0000, 0.0000



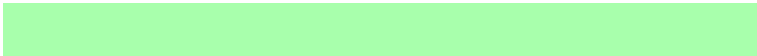
21.4041, 0.3127, 0.3290

Same Dimension

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



64.1105, 0.3071, 0.4073



82.8669, 0.3059, 0.4264



65.3774, 0.2885, 0.3662



15.3474, 0.3110, 0.3521



31.0487, 0.2992, 0.5969



2.1558, 0.2967, 0.5881

Inverse Universe

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



46.8010, 0.3185, 0.2615



56.3428, 0.3198, 0.2478



45.2813, 0.3462, 0.2947



13.9242, 0.3145, 0.3069



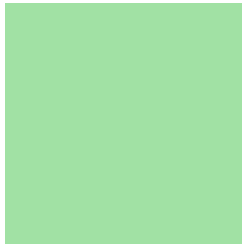
12.0471, 0.3327, 0.1606



0.8384, 0.3307, 0.1595

Previews

White Background



This preview shows how the Yxy color 64.1078, 0.3071, 0.4073 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 64.1078, 0.3071, 0.4073 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 64.1078, 0.3071, 0.4073

Background



This preview shows how black text looks on a background with the Yxy color 64.1078, 0.3071, 0.4073.



This preview shows how white text looks on a background with the Yxy color 64.1078, 0.3071, 0.4073.

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

64.1078, 0.3071, 0.4073

Protanopia

63.3934, 0.3626, 0.3871

Deuteranopia

63.5151, 0.3704, 0.3638



Tritanopia

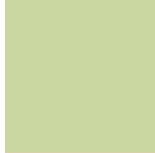
63.9936, 0.2738, 0.3089

Trichromacy



Original Color

64.1078, 0.3071, 0.4073



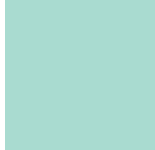
Protanomaly

63.0487, 0.3403, 0.3938



Deuteranomaly

63.0293, 0.3458, 0.3793



Tritanomaly

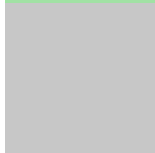
63.6521, 0.2855, 0.3424

Monochromacy



Original Color

64.1078, 0.3071, 0.4073



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.9712, 0.3107, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1078, 0.3071, 0.4073 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(161, 225, 164)` looks like.

```
.text, #text, p{  
    color:rgb(161, 225, 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(161, 225, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 225, 164) }
```

Border

The CSS property to change the border of an element to Yxy 64.1078, 0.3071, 0.4073 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(161, 225, 164) }
```

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

```
.border{ border-color:rgb(161, 225, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 225, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 225, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 225, 164);  
box-shadow:4px 4px 4px 4px rgb(161, 225,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1078, 0.3071, 0.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 225, 164) }
```

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

```
.background{ background-color: rgb(161,  
225, 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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