

Converting Colors

Yxy(65.3408, 0.3139, 0.4264)

Have a look what the booklet for
Yxy(65.3408, 0.3139, 0.4264)
contains.

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Color

Yxy(65.3309, 0.3140, 0.4264)

Conversions

Conversions Part 1

Format	Color
Hex	A1E498
RGB	161, 228, 152
RGB Percent	63%, 89%, 60%
CMY	0.3686, 0.1059, 0.4040
CMYK	0.29, 0.00, 0.33, 0.11
HSL	113°, 58%, 75%
HSV	113°, 33%, 89%
XYZ	48.1095, 65.3309, 39.7746
YIQ	199.3030, -15.5360, -37.8400

Conversions

Conversions Part 2

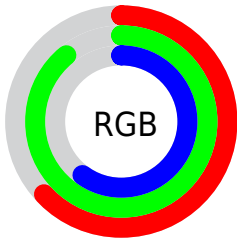
Format	Color
RYB	152, 228, 219
Decimal	10609816
CIELab	84.65, -35.38, 30.57
CIElCh	85, 46.757, 139.169
Yxy	65.3309, 0.3140, 0.4264
Android (android.graphics.Color)	4288799896 (0xFFA1E498)
YUV	199.3030, -23.3204, -33.5917
Hunter-Lab	80.8275, -35.2028, 27.4031

Details

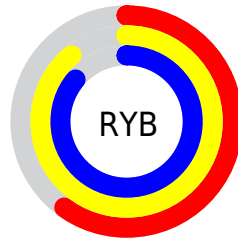
The Yxy color **65.3309, 0.3140, 0.4264** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.1119, 0.3086, 0.2444**, and the grayscale version is **57.4633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7767, 0.3165, 0.3798**, and **33.5509, 0.3125, 0.4535** is the 20% darker color. If you saturate the color by 10%, you get **62.7343, 0.3136, 0.4609**, and if you desaturate by 10%, it is **68.4122, 0.3139, 0.3938**.

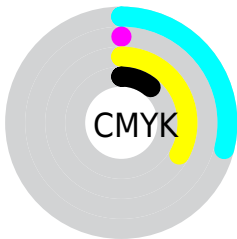
Distribution



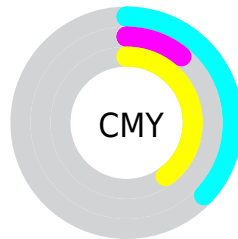
- Red (63%)
- Green (89%)
- Blue (60%)



- Red (60%)
- Yellow (89%)
- Blue (86%)



- Cyan (29%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)





- Cyan (37%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3309, 0.3140, 0.4264 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 65.3309, 0.3140, 0.4264 by changing the saturation by 10% instead.


 65.3309, 0.3140,
0.4264

 65.3309, 0.3140,
0.4264


443.9801, 0.3149,
0.3780

 47.7294, 0.3133,
0.4383


 112.5255, 0.3146,
0.4090

 33.6127, 0.3123,
0.4533


 142.8873, 0.3148,
0.4024

 22.5962, 0.3104,
0.4731


178.2715, 0.3149,
0.3968

 14.2956, 0.3072,
0.4999

219.0623, 0.3149,
0.3920

 8.3266, 0.3010,
0.5382

265.6442, 0.3149,
0.3878

 4.3046, 0.2881,
0.5963

318.4015, 0.3149,

 1.8454, 0.2688,

0.3841

0.7312

377.7187, 0.3149,
0.3809

0.5152, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

65.3309, 0.3140,
0.4264

65.3309, 0.3140,
0.4264

62.7343, 0.3136,
0.4609

68.4122, 0.3139,
0.3938

60.5897, 0.3127,
0.4957

71.9923, 0.3136,
0.3639

58.8735, 0.3112,
0.5286

76.0952, 0.3130,
0.3372

57.5567, 0.3092,
0.5571

80.7406, 0.3122,
0.3137

■ 56.6062, 0.3067,
0.5789

■ 83.9688, 0.3139,
0.3029

■ 55.9839, 0.3041,
0.5927

■ 55.7227, 0.3026,
0.5979

Harmonies

Analogous

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



65.3309, 0.3702, 0.4340



65.3309, 0.3140, 0.4264



65.3309, 0.2602, 0.3830

Triad

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



65.3309, 0.3140, 0.4264



65.3309, 0.2182, 0.2441



65.3309, 0.4106, 0.3230

Complementary

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



65.3309, 0.3140, 0.4264



43.1119, 0.3086, 0.2444

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.



65.3309, 0.3623, 0.2818



65.3309, 0.3140, 0.4264



65.3309, 0.2509, 0.2378

Square

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



65.3309, 0.3140, 0.4264



65.3309, 0.2084, 0.2730



65.3309, 0.3026, 0.2516



65.3309, 0.4294, 0.3683

Rectangle

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



65.3309, 0.3140, 0.4264



65.3309, 0.2328, 0.3432



65.3309, 0.3026, 0.2516



65.3309, 0.3971, 0.3085

Sweetspot

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



65.3337, 0.3140, 0.4264



94.4492, 0.3134, 0.3548



68.8358, 0.3662, 0.4020



20.0610, 0.3135, 0.3587



0.0000, 0.0000, 0.0000



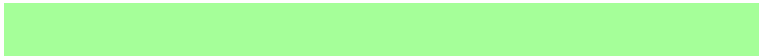
21.4041, 0.3127, 0.3290

Same Dimension

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



65.3337, 0.3140, 0.4264



81.8306, 0.3138, 0.4501



65.4528, 0.2920, 0.3907



16.1706, 0.3133, 0.3532



32.2016, 0.3031, 0.5975



2.4067, 0.3099, 0.5921

Inverse Universe

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



43.1119, 0.3086, 0.2444



49.0383, 0.3073, 0.2270



43.1238, 0.3418, 0.2747



14.5239, 0.3119, 0.3057



10.4342, 0.2912, 0.1378



0.7957, 0.2958, 0.1403

Previews

White Background



This preview shows how the Yxy color 65.3309, 0.3140, 0.4264 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 65.3309, 0.3140, 0.4264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

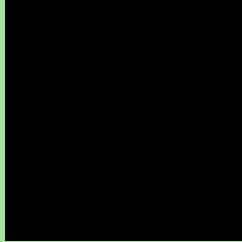
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3309, 0.3140, 0.4264

Background



This preview shows how black text looks on a background with the Yxy color 65.3309, 0.3140, 0.4264.



This preview shows how white text looks on a background with the Yxy color 65.3309, 0.3140, 0.4264.

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

65.3309, 0.3140, 0.4264

Protanopia

64.6315, 0.3739, 0.4017

Deuteranopia

64.6661, 0.3837, 0.3759



Tritanopia

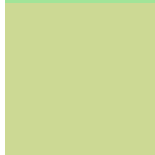
65.3711, 0.2741, 0.3091

Trichromacy



Original Color

65.3309, 0.3140, 0.4264



Protanomaly

64.6012, 0.3502, 0.4108



Deuteranomaly

63.5878, 0.3559, 0.3928



Tritanomaly

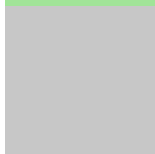
65.3083, 0.2888, 0.3497

Monochromacy



Original Color

65.3309, 0.3140, 0.4264



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

59.7849, 0.3133, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3309, 0.3140, 0.4264 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, 228, 152)` looks like.

```
.text, #text, p{  
    color:rgb(161, 228, 152)  
}
```

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, 228, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 228, 152) }
```

Border

The CSS property to change the border of an element to Yxy 65.3309, 0.3140, 0.4264 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, 228, 152) }
```

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

```
.border{ border-color:rgb(161, 228, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 228, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 228, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 228, 152); box-shadow:4px 4px 4px 4px rgb(161, 228, 152) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3309, 0.3140, 0.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 228, 152) }
```

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

```
.background{ background-color: rgb(161,  
228, 152) }
```

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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