

Converting Colors

Yxy(64.9756, 0.3108, 0.3936)

Have a look what the booklet for
Yxy(64.9756, 0.3108, 0.3936)
contains.

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Color

Yxy(65.1741, 0.3103, 0.3940)

Conversions

Conversions Part 1

Format	Color
Hex	ADE0AC
RGB	173, 224, 172
RGB Percent	68%, 88%, 67%
CMY	0.3218, 0.1215, 0.3254
CMYK	0.23, 0.00, 0.23, 0.12
HSL	119°, 46%, 78%
HSV	119°, 23%, 88%
XYZ	51.3287, 65.1741, 48.9137
YIQ	202.8230, -13.7040, -26.9840

Conversions

Conversions Part 2

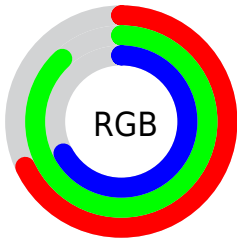
Format	Color
RYB	172, 224, 223
Decimal	11395244
CIELab	84.57, -26.33, 20.23
CIELCh	85, 33.206, 142.472
Yxy	65.1741, 0.3103, 0.3940
Android (android.graphics.Color)	4289585324 (0xFFADE0AC)
YUV	202.8230, -15.1957, -26.1548
Hunter-Lab	80.7305, -27.7874, 20.5882

Details

The Yxy color **65.1741, 0.3103, 0.3940** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.5969, 0.3146, 0.2713**, and the grayscale version is **59.7042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7794, 0.3120, 0.3565**, and **33.7009, 0.3096, 0.4130** is the 20% darker color. If you saturate the color by 10%, you get **62.0832, 0.3090, 0.4273**, and if you desaturate by 10%, it is **68.8286, 0.3115, 0.3637**.

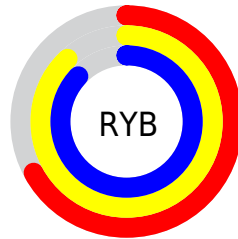
Distribution



Red (68%)

Green (88%)

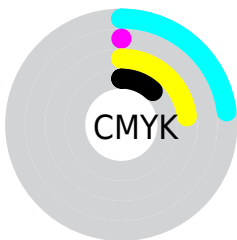
Blue (67%)



Red (67%)

Yellow (88%)

Blue (87%)

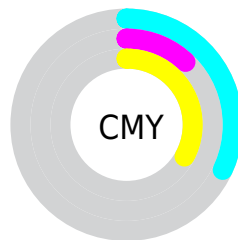


Cyan (23%)

Magenta (0%)

Yellow (23%)

Black (12%)



Cyan (32%)


Magenta (12%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1741, 0.3103, 0.3940 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 65.1741, 0.3103, 0.3940 by changing the saturation by 10% instead.


 65.1741, 0.3103,
0.3940

 65.1741, 0.3103,
0.3940


443.4173, 0.3121,
0.3621

 47.6023, 0.3097,
0.4018


 112.3001, 0.3111,
0.3825

 33.5120, 0.3088,
0.4116


142.6231, 0.3113,
0.3782

 22.5190, 0.3075,
0.4245


177.9652, 0.3115,
0.3745

 14.2387, 0.3055,
0.4421

218.7110, 0.3117,
0.3713

 8.2869, 0.3020,
0.4675

265.2446, 0.3118,
0.3686

 4.2791, 0.2952,
0.5067

317.9507, 0.3119,

 1.8309, 0.2909,

0.3661

0.5974

377.2134, 0.3120,
0.3640

0.5063, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

65.1741, 0.3103,
0.3940

65.1741, 0.3103,
0.3940

62.0832, 0.3090,
0.4273

68.8286, 0.3115,
0.3637

59.5200, 0.3075,
0.4627

73.0639, 0.3124,
0.3369

57.4577, 0.3059,
0.4985

77.9067, 0.3133,
0.3135

55.8633, 0.3043,
0.5322

81.7989, 0.3141,
0.2990

■ 54.7003, 0.3028,
0.5610

■ 53.9267, 0.3015,
0.5825

■ 53.4919, 0.3006,
0.5952

■ 53.3448, 0.3003,
0.5998

Harmonies

Analogous

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



65.1741, 0.3511, 0.4038



65.1741, 0.3103, 0.3940



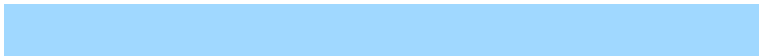
65.1741, 0.2718, 0.3625

Triad

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



65.1741, 0.3103, 0.3940



65.1741, 0.2455, 0.2662



65.1741, 0.3846, 0.3296

Complementary

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



65.1741, 0.3103, 0.3940



50.5969, 0.3146, 0.2713

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.



65.1741, 0.3527, 0.2979



65.1741, 0.3103, 0.3940



65.1741, 0.2719, 0.2624

Square

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



65.1741, 0.3103, 0.3940



65.1741, 0.2361, 0.2867



65.1741, 0.3108, 0.2739



65.1741, 0.3957, 0.3631

Rectangle

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



65.1741, 0.3103, 0.3940



65.1741, 0.2524, 0.3353



65.1741, 0.3108, 0.2739



65.1741, 0.3759, 0.3185

Sweetspot

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



65.1769, 0.3103, 0.3940



95.7286, 0.3121, 0.3468



71.2209, 0.3480, 0.3850



20.4151, 0.3120, 0.3484



0.0000, 0.0000, 0.0000



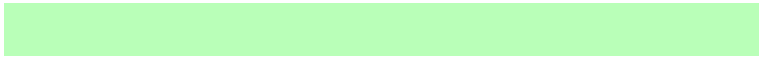
21.4041, 0.3127, 0.3290

Same Dimension

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



65.1769, 0.3103, 0.3940



85.2629, 0.3097, 0.4103



66.0904, 0.2948, 0.3630



15.3489, 0.3118, 0.3532



31.0514, 0.3004, 0.5997



2.1565, 0.3016, 0.5987

Inverse Universe

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



50.5969, 0.3146, 0.2713



62.3537, 0.3150, 0.2589



49.5209, 0.3357, 0.2974



13.9225, 0.3135, 0.3059



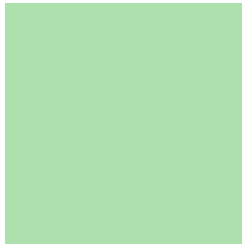
11.9944, 0.3165, 0.1517



0.8354, 0.3172, 0.1521

Previews

White Background



This preview shows how the Yxy color 65.1741, 0.3103, 0.3940 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 65.1741, 0.3103, 0.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

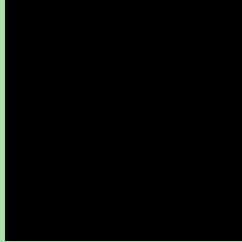
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1741, 0.3103, 0.3940

Background



This preview shows how black text looks on a background with the Yxy color 65.1741, 0.3103, 0.3940.

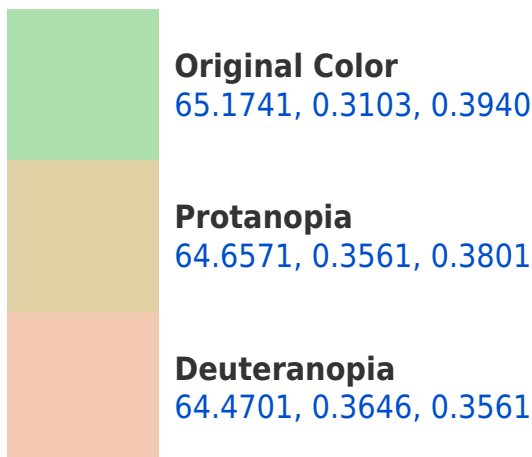


This preview shows how white text looks on a background with the Yxy color 65.1741, 0.3103, 0.3940.

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

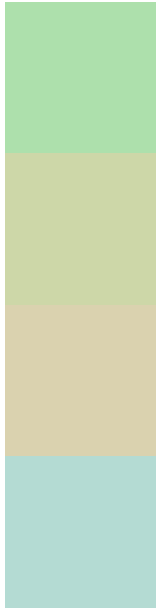




Tritanopia

65.1853, 0.2801, 0.3093

Trichromacy



Original Color

65.1741, 0.3103, 0.3940

Protanomaly

64.4072, 0.3377, 0.3846

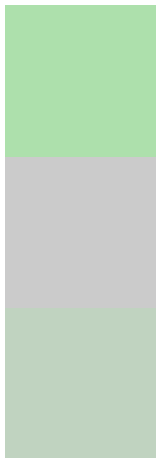
Deuteranomaly

64.0938, 0.3439, 0.3693

Tritanomaly

65.0695, 0.2909, 0.3385

Monochromacy



Original Color

65.1741, 0.3103, 0.3940

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

61.6008, 0.3116, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1741, 0.3103, 0.3940 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(173, 224, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 224, 172)  
}
```

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(173, 224, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 224, 172) }
```

Border

The CSS property to change the border of an element to Yxy 65.1741, 0.3103, 0.3940 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(173, 224, 172) }
```

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

```
.border{ border-color:rgb(173, 224, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 224, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 224, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 224, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 224,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1741, 0.3103, 0.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 224, 172) }
```

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

```
.background{ background-color: rgb(173,  
224, 172) }
```

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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