

Converting Colors

$Yxy(64.8091, 0.2918, 0.3707)$

Have a look what the booklet for
Yxy(64.8091, 0.2918, 0.3707)
contains.

Yxy(64.7543, 0.2915, 0.3704)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(64.7543, 0.2915, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	A2E0BF
RGB	162, 224, 191
RGB Percent	64%, 88%, 75%
CMY	0.3647, 0.1216, 0.2509
CMYK	0.28, 0.00, 0.15, 0.12
HSL	148°, 50%, 76%
HSV	148°, 28%, 88%
XYZ	50.9608, 64.7543, 59.1075
YIQ	201.7000, -26.3590, -23.4070

Conversions

Conversions Part 2

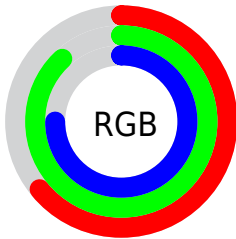
Format	Color
RYB	162, 204, 224
Decimal	10674367
CIELab	84.36, -26.38, 9.88
CIELCh	84, 28.166, 159.470
Yxy	64.7543, 0.2915, 0.3704
Android (android.graphics.Color)	4288864447 (0xFFA2E0BF)
YUV	201.7000, -5.2751, -34.8169
Hunter-Lab	80.4701, -27.7805, 12.7789

Details

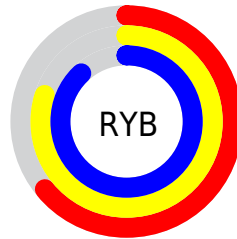
The Yxy color **64.7543, 0.2915, 0.3704** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.6297, 0.3414, 0.2911**, and the grayscale version is **58.9138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1408, 0.2948, 0.3371**, and **33.4621, 0.2859, 0.3814** is the 20% darker color. If you saturate the color by 10%, you get **62.1125, 0.2848, 0.3883**, and if you desaturate by 10%, it is **67.8620, 0.2989, 0.3540**.

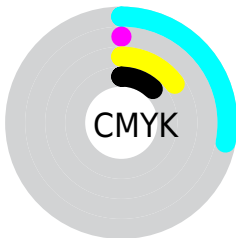
Distribution



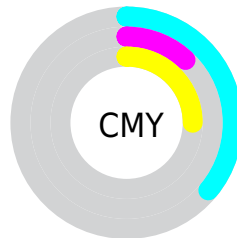
- Red (64%)
- Green (88%)
- Blue (75%)



- Red (64%)
- Yellow (80%)
- Blue (88%)



- Cyan (28%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)




- Cyan (36%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.7543, 0.2915, 0.3704 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 64.7543, 0.2915, 0.3704 by changing the saturation by 10% instead.


 64.7543, 0.2915,
0.3704


 64.7543, 0.2915,
0.3704


441.9085, 0.3018,
0.3502

 47.2619, 0.2890,
0.3753

 111.6965, 0.2952,
0.3632

 33.2427, 0.2859,
0.3814


 141.9152, 0.2966,
0.3605

 22.3125, 0.2818,
0.3895


177.1446, 0.2978,
0.3581

 14.0867, 0.2762,
0.4005

217.7693, 0.2988,
0.3561

 8.1810, 0.2682,
0.4163

264.1737, 0.2997,
0.3544

 4.2110, 0.2559,
0.4409


316.7421, 0.3005,

 1.7923, 0.2342,

0.3528


0.4842


375.8589, 0.3012,
0.3515


 0.4823, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000

 64.7543, 0.2915,
0.3704


 64.7543, 0.2915,
0.3704


 62.1125, 0.2848,
0.3883


 67.8620, 0.2989,
0.3540

 59.9055, 0.2791,
0.4076

 71.4491, 0.3066,
0.3393


 58.1105, 0.2747,
0.4280


 75.5383, 0.3146,
0.3261


 56.6996, 0.2719,
0.4490


 80.1488, 0.3224,
0.3144


 55.6412, 0.2711,
0.4699

 81.5139, 0.3170,
0.3031

 54.8982, 0.2722,
0.4903

 81.7933, 0.3141,
0.2989

 54.4203, 0.2752,
0.5093

 54.3290, 0.2760,
0.5136

Harmonies

Analogous

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



64.7543, 0.3264, 0.3899



64.7543, 0.2915, 0.3704



64.7543, 0.2633, 0.3381

Triad

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



64.7543, 0.2915, 0.3704



64.7543, 0.2664, 0.2715



64.7543, 0.3816, 0.3465

Complementary

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



64.7543, 0.2915, 0.3704



45.6297, 0.3414, 0.2911

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.



64.7543, 0.3638, 0.3175



64.7543, 0.2915, 0.3704



64.7543, 0.2960, 0.2757

Square

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



64.7543, 0.2915, 0.3704



64.7543, 0.2496, 0.2814



64.7543, 0.3318, 0.2923



64.7543, 0.3795, 0.3731

Rectangle

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



64.7543, 0.2915, 0.3704



64.7543, 0.2517, 0.3155



64.7543, 0.3318, 0.2923



64.7543, 0.3777, 0.3368

Sweetspot

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



64.7570, 0.2915, 0.3704



95.6546, 0.3063, 0.3398



67.5335, 0.3325, 0.4031



20.3096, 0.3052, 0.3419



0.0000, 0.0000, 0.0000



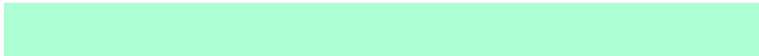
21.4041, 0.3127, 0.3290

Same Dimension

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



64.7570, 0.2915, 0.3704



84.8251, 0.2877, 0.3802



66.2655, 0.2737, 0.3314



15.4435, 0.3053, 0.3417



31.6451, 0.2752, 0.5108



2.2114, 0.2671, 0.4814

Inverse Universe

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



45.6297, 0.3414, 0.2911



55.2680, 0.3490, 0.2832



44.3725, 0.3709, 0.3267



13.8219, 0.3209, 0.3166



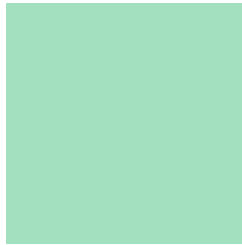
10.0259, 0.4816, 0.2427



0.7130, 0.4501, 0.2253

Previews

White Background



This preview shows how the Yxy color 64.7543, 0.2915, 0.3704 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 64.7543, 0.2915, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

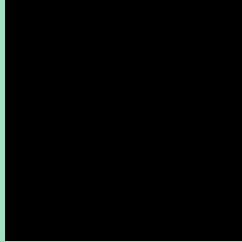
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

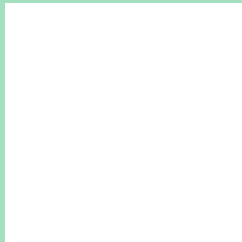
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7543, 0.2915, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 64.7543, 0.2915, 0.3704.

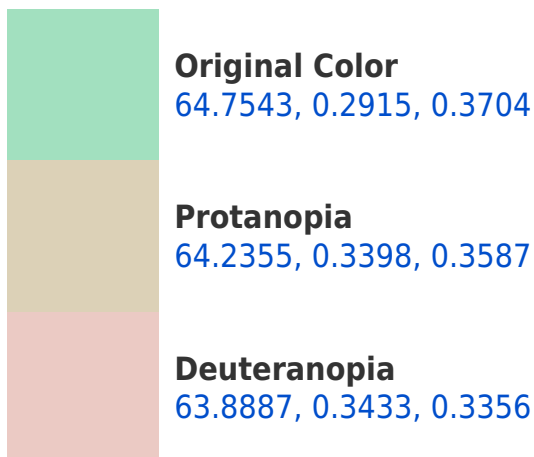


This preview shows how white text looks on a background with the Yxy color 64.7543, 0.2915, 0.3704.

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

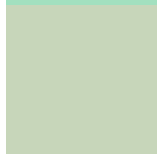
64.7989, 0.2711, 0.3089

Trichromacy



Original Color

64.7543, 0.2915, 0.3704



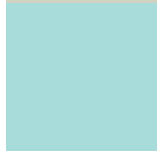
Protanomaly

63.7804, 0.3208, 0.3623



Deuteranomaly

63.3981, 0.3224, 0.3476



Tritanomaly

64.6257, 0.2785, 0.3301

Monochromacy



Original Color

64.7543, 0.2915, 0.3704



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

60.7352, 0.3039, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7543, 0.2915, 0.3704 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(162, 224, 191)` looks like.

```
.text, #text, p{  
    color:rgb(162, 224, 191)  
}
```

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(162, 224, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 224, 191) }
```

Border

The CSS property to change the border of an element to Yxy 64.7543, 0.2915, 0.3704 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(162, 224, 191) }
```

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

```
.border{ border-color:rgb(162, 224, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 224, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 224, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 224, 191); box-shadow:4px 4px 4px 4px rgb(162, 224, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7543, 0.2915, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 224, 191) }
```

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

```
.background{ background-color: rgb(162,  
224, 191) }
```

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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