

Converting Colors

$Yxy(34.9264, 0.2364, 0.3095)$

Have a look what the booklet for
Yxy(34.9264, 0.2364, 0.3095)
contains.

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Color

Yxy(34.9264, 0.2364, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	4CADB9
RGB	76, 173, 185
RGB Percent	30%, 68%, 73%
CMY	0.7023, 0.3215, 0.2744
CMYK	0.59, 0.06, 0.00, 0.27
HSL	187°, 44%, 51%
HSV	187°, 59%, 73%
XYZ	26.6772, 34.9264, 51.2442
YIQ	145.3650, -61.6640, -16.8320

Conversions

Conversions Part 2

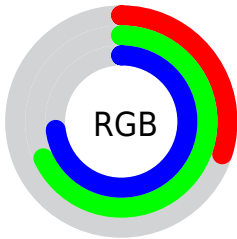
Format	Color
<code>RYB</code>	<code>76, 127, 185</code>
Decimal	<code>5025209</code>
CIELab	<code>65.69, -24.75, -14.72</code>
CIElCh	<code>66, 28.797, 210.747</code>
Yxy	<code>34.9264, 0.2364, 0.3095</code>
Android (<code>android.graphics.Color</code>)	<code>4283215289 (0xFF4CADB9)</code>
YUV	<code>145.3650, 19.5401, -60.8331</code>
Hunter-Lab	<code>59.0986, -22.8472, -10.0412</code>

Details

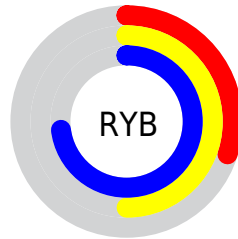
The Yxy color **34.9264, 0.2364, 0.3095** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.8043, 0.4810, 0.3454**, and the grayscale version is **28.4017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5404, 0.2508, 0.3144**, and **15.0989, 0.2170, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **33.5016, 0.2284, 0.3057**, and if you desaturate by 10%, it is **36.5835, 0.2462, 0.3132**.

Distribution



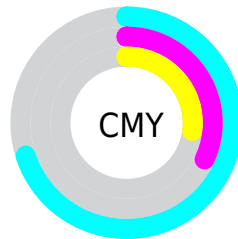
- Red (30%)
- Green (68%)
- Blue (73%)



- Red (30%)
- Yellow (50%)
- Blue (73%)



- Cyan (59%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)




- Cyan (70%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.9264, 0.2364, 0.3095 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 34.9264, 0.2364, 0.3095 by changing the saturation by 10% instead.


 34.9264, 0.2364,
0.3095


 34.9264, 0.2364,
0.3095


324.2433, 0.2753,
0.3207


 23.6062, 0.2265,
0.3062


 67.3717, 0.2507,
0.3140


 15.0417, 0.2139,
0.3016


 89.2656, 0.2560,
0.3155


 8.8487, 0.1969,
0.2950


 115.4529, 0.2605,
0.3168

 4.6426, 0.1734,
0.2846

 146.3179, 0.2643,
0.3178

 2.0391, 0.1392,
0.2667

 182.2451, 0.2676,
0.3187

 0.6301, 0.0000,
0.2464

223.6188, 0.2705,

 0.0000, 0.0000,

0.3195

0.0000

270.8234, 0.2730,
0.3202

■ 34.9264, 0.2364,
0.3095

■ 34.9264, 0.2364,
0.3095

■ 33.5016, 0.2284,
0.3057

■ 36.5835, 0.2462,
0.3132

■ 32.2858, 0.2223,
0.3019

■ 38.4861, 0.2577,
0.3168

■ 31.2578, 0.2180,
0.2981

■ 40.6508, 0.2705,
0.3203

■ 30.3773, 0.2153,
0.2944

■ 43.0916, 0.2844,
0.3235

■ 30.2894, 0.2150,
0.2940

■ 45.8216, 0.2991,
0.3265

■ 48.8530, 0.3143,
0.3293

■ 52.1972, 0.3298,
0.3318

■ 55.8650, 0.3452,
0.3340

■ 59.8669, 0.3605,
0.3360

Harmonies

Analogous

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



34.9264, 0.2597, 0.3529



34.9264, 0.2364, 0.3095



34.9264, 0.2322, 0.2760

Triad

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



34.9264, 0.2364, 0.3095



34.9264, 0.3231, 0.2764



34.9264, 0.3796, 0.4007

Complementary

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



34.9264, 0.2364, 0.3095



17.8043, 0.4810, 0.3454

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.



34.9264, 0.3999, 0.3741



34.9264, 0.2364, 0.3095



34.9264, 0.3665, 0.3046

Square

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



34.9264, 0.2364, 0.3095



34.9264, 0.2796, 0.2601



34.9264, 0.3954, 0.3393



34.9264, 0.3419, 0.4088

Rectangle

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



34.9264, 0.2364, 0.3095



34.9264, 0.2402, 0.2629



34.9264, 0.3954, 0.3393



34.9264, 0.3888, 0.3934

Sweetspot

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



34.9277, 0.2364, 0.3095



77.4723, 0.2853, 0.3237



36.9242, 0.2982, 0.4996



16.4153, 0.2812, 0.3228



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



34.9277, 0.2364, 0.3095



59.2535, 0.2262, 0.3045



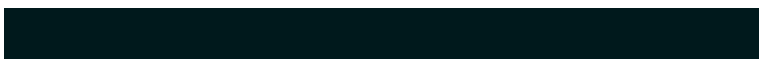
18.3633, 0.2158, 0.2154



10.0372, 0.2985, 0.3264



20.6854, 0.2151, 0.2945



0.7777, 0.2178, 0.3041

Inverse Universe

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



18.4915, 0.3343, 0.2051



28.0112, 0.3399, 0.1866



29.9986, 0.4298, 0.4174



9.1452, 0.3154, 0.3089



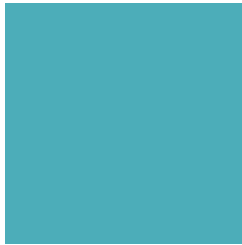
8.8705, 0.3503, 0.1704



0.3176, 0.3418, 0.1657

Previews

White Background



This preview shows how the Yxy color 34.9264, 0.2364, 0.3095 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 34.9264, 0.2364, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

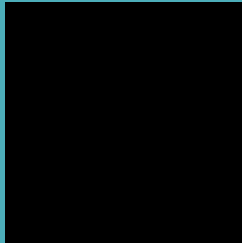
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

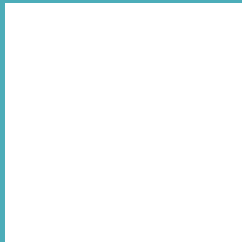
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.9264, 0.2364, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 34.9264, 0.2364, 0.3095.



This preview shows how white text looks on a background with the Yxy color 34.9264, 0.2364, 0.3095.

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

34.9264, 0.2364, 0.3095

Protanopia

34.3772, 0.2969, 0.3029

Deuteranopia

34.4877, 0.2871, 0.2812



Tritanopia

35.0528, 0.2358, 0.3064

Trichromacy



Original Color

34.9264, 0.2364, 0.3095

Protanomaly

34.0383, 0.2695, 0.3044

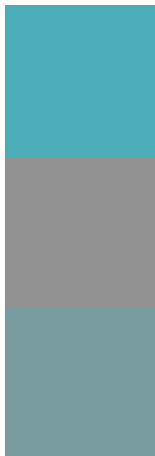
Deuteranomaly

34.1386, 0.2638, 0.2900

Tritanomaly

35.0101, 0.2364, 0.3080

Monochromacy



Original Color

34.9264, 0.2364, 0.3095

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.9738, 0.2762, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9264, 0.2364, 0.3095 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(76, 173, 185)` looks like.

```
.text, #text, p{  
    color:rgb(76, 173, 185)  
}
```

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(76, 173, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 173, 185) }
```

Border

The CSS property to change the border of an element to Yxy 34.9264, 0.2364, 0.3095 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(76, 173, 185) }
```

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

```
.border{ border-color:rgb(76, 173, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 173, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 173, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 173, 185);  
box-shadow:4px 4px 4px 4px rgb(76, 173,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9264, 0.2364, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 173, 185) }
```

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

```
.background{ background-color: rgb(76, 173,  
185) }
```

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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