

Converting Colors

$Yxy(34.2917, 0.2376, 0.3187)$

Have a look what the booklet for
Yxy(34.2917, 0.2376, 0.3187)
contains.

Yxy(34.4814, 0.2375, 0.3189)	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(34.4814, 0.2375, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	47ADB3
RGB	71, 173, 179
RGB Percent	28%, 68%, 70%
CMY	0.7216, 0.3216, 0.2979
CMYK	0.60, 0.03, 0.00, 0.30
HSL	183°, 43%, 49%
HSV	183°, 60%, 70%
XYZ	25.6799, 34.4814, 47.9647
YIQ	143.1860, -62.7180, -19.7580

Conversions

Conversions Part 2

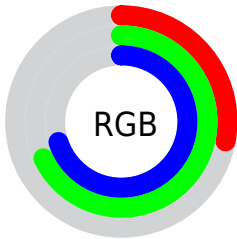
Format	Color
RYB	71, 123, 179
Decimal	4697523
CIELab	65.34, -27.38, -11.93
CIElCh	65, 29.865, 203.547
Yxy	34.4814, 0.2375, 0.3189
Android (android.graphics.Color)	4282887603 (0xFF47ADB3)
YUV	143.1860, 17.6563, -63.3071
Hunter-Lab	58.7209, -24.6995, -7.3250

Details

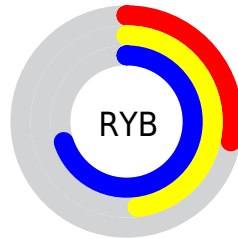
The Yxy color **34.4814, 0.2375, 0.3189** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.3514, 0.4923, 0.3375**, and the grayscale version is **27.4929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7826, 0.2514, 0.3215**, and **14.9393, 0.2207, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **33.5212, 0.2304, 0.3170**, and if you desaturate by 10%, it is **35.6465, 0.2464, 0.3208**.

Distribution



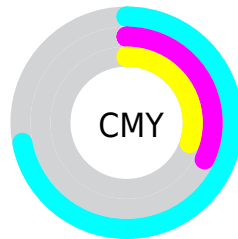
- Red (28%)
- Green (68%)
- Blue (70%)



- Red (28%)
- Yellow (48%)
- Blue (70%)



- Cyan (60%)
- Magenta (3%)
- Yellow (0%)
- Black (30%)




- Cyan (72%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4814, 0.2375, 0.3189 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 34.4814, 0.2375, 0.3189 by changing the saturation by 10% instead.

 34.4814, 0.2375,
0.3189


 34.4814, 0.2375,
0.3189


322.2733, 0.2760,
0.3252


 23.2637, 0.2277,
0.3169


 66.6816, 0.2517,
0.3215


 14.7883, 0.2150,
0.3140


 88.4328, 0.2569,
0.3224


 8.6710, 0.1980,
0.3095


 114.4640, 0.2614,
0.3231

 4.5272, 0.1742,
0.3023

 145.1596, 0.2652,
0.3237

 1.9726, 0.1391,
0.2888

 180.9039, 0.2684,
0.3242

 0.5915, 0.0000,
0.2730

222.0814, 0.2713,

 0.0000, 0.0000,

0.3246

0.0000

269.0764, 0.2738,
0.3249

■ 34.4814, 0.2375,
0.3189

■ 34.4814, 0.2375,
0.3189

■ 33.5212, 0.2304,
0.3170

■ 35.6465, 0.2464,
0.3208

■ 32.7438, 0.2252,
0.3152

■ 37.0284, 0.2571,
0.3226

■ 32.1291, 0.2219,
0.3133

■ 38.6427, 0.2692,
0.3243

■ 31.6473, 0.2199,
0.3116

■ 40.5025, 0.2826,
0.3260

■ 42.6200, 0.2971,
0.3275

■ 45.0064, 0.3122,
0.3290

■ 47.6723, 0.3277,
0.3303

■ 50.6277, 0.3434,
0.3314

■ 53.8823, 0.3590,
0.3325

Harmonies

Analogous

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



34.4814, 0.2659, 0.3648



34.4814, 0.2375, 0.3189



34.4814, 0.2283, 0.2807

Triad

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



34.4814, 0.2375, 0.3189



34.4814, 0.3120, 0.2691



34.4814, 0.3894, 0.3982

Complementary

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



34.4814, 0.2375, 0.3189



15.3514, 0.4923, 0.3375

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.



34.4814, 0.4049, 0.3674



34.4814, 0.2375, 0.3189



34.4814, 0.3586, 0.2957

Square

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



34.4814, 0.2375, 0.3189



34.4814, 0.2688, 0.2558



34.4814, 0.3937, 0.3306



34.4814, 0.3534, 0.4125

Rectangle

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



34.4814, 0.2375, 0.3189



34.4814, 0.2334, 0.2642



34.4814, 0.3937, 0.3306



34.4814, 0.3973, 0.3892

Sweetspot

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



34.4827, 0.2375, 0.3189



73.2502, 0.2855, 0.3263



34.1181, 0.3009, 0.5123



15.9994, 0.2815, 0.3258



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



34.4827, 0.2375, 0.3189



59.5829, 0.2288, 0.3165



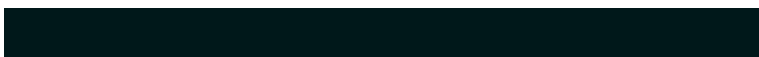
17.9330, 0.2161, 0.2226



9.5487, 0.2986, 0.3277



22.3875, 0.2199, 0.3118



0.7288, 0.2214, 0.3169

Inverse Universe

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



17.1090, 0.3269, 0.1970



26.2549, 0.3300, 0.1788



26.1163, 0.4379, 0.4118



8.6384, 0.3146, 0.3078



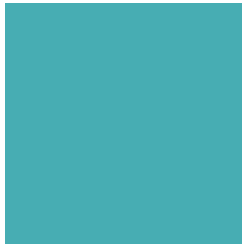
8.8002, 0.3352, 0.1620



0.2794, 0.3308, 0.1596

Previews

White Background



This preview shows how the Yxy color 34.4814, 0.2375, 0.3189 looks on a white background.

Color Contrast Check

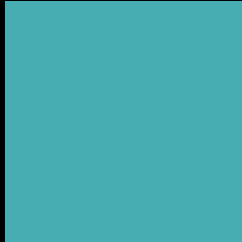
Large Text (above 18pt) WCAG AA × Fail

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 34.4814, 0.2375, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

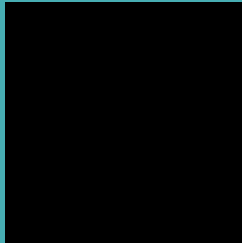
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

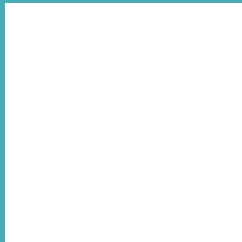
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.4814, 0.2375, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 34.4814, 0.2375, 0.3189.



This preview shows how white text looks on a background with the Yxy color 34.4814, 0.2375, 0.3189.

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

34.4814, 0.2375, 0.3189

Protanopia

34.1466, 0.3021, 0.3114

Deuteranopia

34.1072, 0.2938, 0.2879



Tritanopia

34.5061, 0.2347, 0.3063

Trichromacy



Original Color

34.4814, 0.2375, 0.3189



Protanomaly

33.6471, 0.2723, 0.3133



Deuteranomaly

33.4563, 0.2671, 0.2969



Tritanomaly

34.3404, 0.2358, 0.3109

Monochromacy



Original Color

34.4814, 0.2375, 0.3189



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

29.2934, 0.2766, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4814, 0.2375, 0.3189 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(71, 173, 179)` looks like.

```
.text, #text, p{  
    color:rgb(71, 173, 179)  
}
```

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(71, 173, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 173, 179) }
```

Border

The CSS property to change the border of an element to Yxy 34.4814, 0.2375, 0.3189 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(71, 173, 179) }
```

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

```
.border{ border-color:rgb(71, 173, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 173, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 173, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 173, 179);  
box-shadow:4px 4px 4px 4px rgb(71, 173,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4814, 0.2375, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 173, 179) }
```

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

```
.background{ background-color: rgb(71, 173,  
179) }
```

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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