

Converting Colors

$Y_{xy}(36.6502, 0.2820, 0.3570)$

Have a look what the booklet for
Yxy(36.6502, 0.2820, 0.3570)
contains.

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Color

Yxy(36.7374, 0.2824, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	79AE9C
RGB	121, 174, 156
RGB Percent	47%, 68%, 61%
CMY	0.5255, 0.3176, 0.3883
CMYK	0.30, 0.00, 0.10, 0.32
HSL	160°, 25%, 58%
HSV	160°, 30%, 68%
XYZ	29.0200, 36.7374, 37.0046
YIQ	156.1010, -25.8100, -16.8340

Conversions

Conversions Part 2

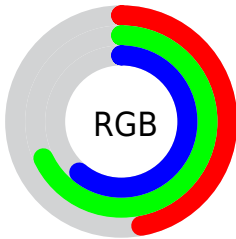
Format	Color
RYB	121, 153, 174
Decimal	7974556
CIELab	67.08, -21.42, 3.67
CIELCh	67, 21.729, 170.277
Yxy	36.7374, 0.2824, 0.3575
Android (android.graphics.Color)	4286164636 (0xFF79AE9C)
YUV	156.1010, -0.0498, -30.7836
Hunter-Lab	60.6114, -20.6063, 6.2301

Details

The Yxy color **36.7374, 0.2824, 0.3575** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.5380, 0.3569, 0.3024**, and the grayscale version is **33.3017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3607, 0.2888, 0.3527**, and **15.9968, 0.2724, 0.3658** is the 20% darker color. If you saturate the color by 10%, you get **35.3975, 0.2740, 0.3686**, and if you desaturate by 10%, it is **38.3168, 0.2918, 0.3472**.

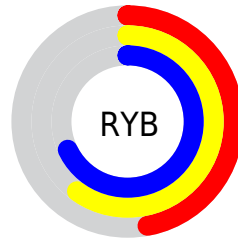
Distribution



Red (47%)

Green (68%)

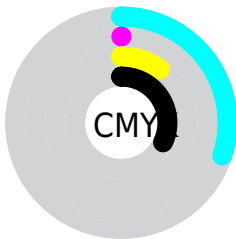
Blue (61%)



Red (47%)

Yellow (60%)

Blue (68%)

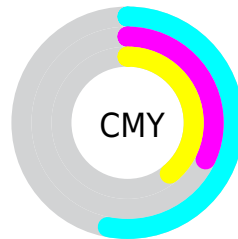


Cyan (30%)

Magenta (0%)

Yellow (10%)

Black (32%)



Cyan (53%)

Magenta (32%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7374, 0.2824, 0.3575 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 36.7374, 0.2824, 0.3575 by changing the saturation by 10% instead.


 36.7374, 0.2824,
0.3575


 36.7374, 0.2824,
0.3575


332.1722, 0.2983,
0.3425


 25.0042, 0.2782,
0.3615


 70.1687, 0.2883,
0.3518

 16.0802, 0.2727,
0.3669


 92.6357, 0.2905,
0.3498

 9.5809, 0.2650,
0.3744


 119.4493, 0.2923,
0.3480

 5.1220, 0.2538,
0.3856

150.9941, 0.2939,
0.3466

 2.3190, 0.2357,
0.4040

187.6544, 0.2952,
0.3453

 0.7837, 0.1386,
0.4890

229.8146, 0.2964,

 0.0000, 0.0000,

0.3442

0.0000

277.8590, 0.2974,
0.3433

■ 36.7374, 0.2824,
0.3575

■ 36.7374, 0.2824,
0.3575

■ 35.3975, 0.2740,
0.3686

■ 38.3168, 0.2918,
0.3472

■ 34.2804, 0.2668,
0.3804

■ 40.1426, 0.3018,
0.3379

■ 33.3739, 0.2611,
0.3928

■ 42.2270, 0.3122,
0.3294

■ 32.6632, 0.2572,
0.4056

■ 44.5800, 0.3228,
0.3218


■ 32.1311, 0.2552,
0.4186


■ 47.2112, 0.3334,
0.3150

 31.7577, 0.2552,
0.4315

 50.1294, 0.3438,
0.3090

 31.5086, 0.2566,
0.4436

 53.3435, 0.3540,
0.3038

 55.8615, 0.3593,
0.2987

 56.1497, 0.3541,
0.2928

Harmonies

Analogous

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



36.7374, 0.3137, 0.3809



36.7374, 0.2824, 0.3575



36.7374, 0.2599, 0.3261

Triad

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



36.7374, 0.2824, 0.3575



36.7374, 0.2784, 0.2751



36.7374, 0.3784, 0.3551

Complementary

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



36.7374, 0.2824, 0.3575



24.5380, 0.3569, 0.3024

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.



36.7374, 0.3682, 0.3281



36.7374, 0.2824, 0.3575



36.7374, 0.3090, 0.2835

Square

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



36.7374, 0.2824, 0.3575



36.7374, 0.2577, 0.2797



36.7374, 0.3422, 0.3025



36.7374, 0.3698, 0.3774

Rectangle

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



36.7374, 0.2824, 0.3575



36.7374, 0.2524, 0.3062



36.7374, 0.3422, 0.3025



36.7374, 0.3770, 0.3463

Sweetspot

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



36.7389, 0.2824, 0.3575



73.2754, 0.3031, 0.3367



37.1914, 0.3250, 0.4121



16.1725, 0.3017, 0.3380



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.7389, 0.2824, 0.3575



64.8440, 0.2762, 0.3654



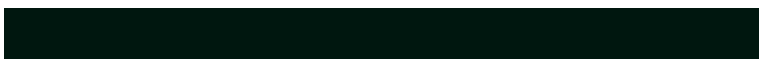
34.4133, 0.2683, 0.3165



9.0251, 0.3030, 0.3368



22.8630, 0.2562, 0.4422



0.6457, 0.2455, 0.4036

Inverse Universe

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



24.5380, 0.3569, 0.3024



38.9219, 0.3716, 0.2959



26.0666, 0.3762, 0.3411



8.0586, 0.3235, 0.3213



6.7672, 0.5575, 0.2845



0.1987, 0.4729, 0.2379

Previews

White Background



This preview shows how the Yxy color 36.7374, 0.2824, 0.3575 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 36.7374, 0.2824, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

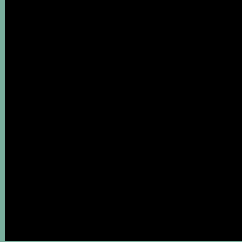
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7374, 0.2824, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 36.7374, 0.2824, 0.3575.

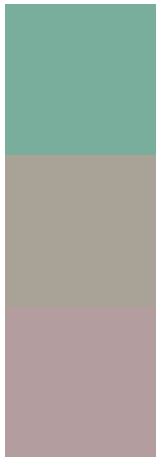


This preview shows how white text looks on a background with the Yxy color 36.7374, 0.2824, 0.3575.

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

36.7374, 0.2824, 0.3575

Protanopia

36.4777, 0.3303, 0.3463

Deuteranopia

36.2009, 0.3326, 0.3263



Tritanopia

36.7222, 0.2665, 0.3079

Trichromacy



Original Color

36.7374, 0.2824, 0.3575

Protanomaly

36.2148, 0.3117, 0.3500

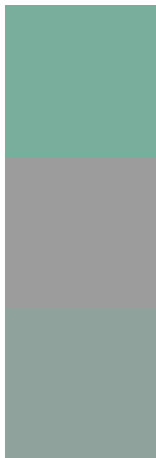
Deuteranomaly

35.9321, 0.3124, 0.3364

Tritanomaly

36.5418, 0.2721, 0.3243

Monochromacy



Original Color

36.7374, 0.2824, 0.3575

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.4343, 0.3002, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7374, 0.2824, 0.3575 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(121, 174, 156)` looks like.

```
.text, #text, p{  
    color:rgb(121, 174, 156)  
}
```

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(121, 174, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 174, 156) }
```

Border

The CSS property to change the border of an element to Yxy 36.7374, 0.2824, 0.3575 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(121, 174, 156) }
```

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

```
.border{ border-color:rgb(121, 174, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 174, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 174, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 174, 156);  
box-shadow:4px 4px 4px 4px rgb(121, 174,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7374, 0.2824, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 174, 156) }
```

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

```
.background{ background-color: rgb(121,  
174, 156) }
```

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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