

Converting Colors

$Yxy(36.4181, 0.2830, 0.3614)$

Have a look what the booklet for
Yxy(36.4181, 0.2830, 0.3614)
contains.

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Color

Yxy(36.4939, 0.2830, 0.3625)

Conversions

Conversions Part 1

Format	Color
Hex	77AE99
RGB	119, 174, 153
RGB Percent	47%, 68%, 60%
CMY	0.5335, 0.3176, 0.3999
CMYK	0.32, 0.00, 0.12, 0.32
HSL	157°, 25%, 57%
HSV	157°, 32%, 68%
XYZ	28.4904, 36.4939, 35.6885
YIQ	155.1610, -26.0390, -18.1910

Conversions

Conversions Part 2

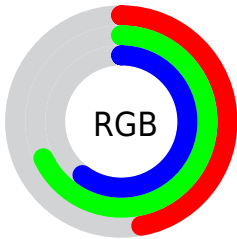
Format	Color
RYB	119, 153, 174
Decimal	7843481
CIELab	66.90, -22.68, 5.03
CIElCh	67, 23.235, 167.505
Yxy	36.4939, 0.2830, 0.3625
Android (android.graphics.Color)	4286033561 (0xFF77AE99)
YUV	155.1610, -1.0654, -31.7132
Hunter-Lab	60.4102, -21.5344, 7.2604

Details

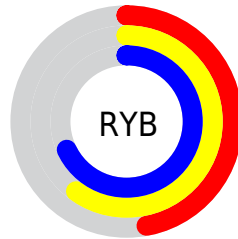
The Yxy color **36.4939, 0.2830, 0.3625** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.0751, 0.3563, 0.2981**, and the grayscale version is **32.8641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9829, 0.2893, 0.3565**, and **15.8630, 0.2734, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **35.1622, 0.2751, 0.3751**, and if you desaturate by 10%, it is **38.0662, 0.2918, 0.3508**.

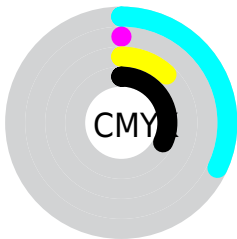
Distribution



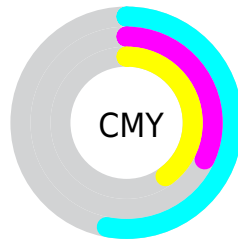
- Red (47%)
- Green (68%)
- Blue (60%)



- Red (47%)
- Yellow (60%)
- Blue (68%)



- Cyan (32%)
- Magenta (0%)
- Yellow (12%)
- Black (32%)





- Cyan (53%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4939, 0.2830, 0.3625 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 36.4939, 0.2830, 0.3625 by changing the saturation by 10% instead.


 36.4939, 0.2830,
0.3625


 36.4939, 0.2830,
0.3625

331.1142, 0.2986,
0.3447

 24.8159, 0.2788,
0.3673


 69.7937, 0.2889,
0.3558

 15.9399, 0.2733,
0.3737


 92.1843, 0.2910,
0.3533

 9.4817, 0.2657,
0.3828


 118.9145, 0.2928,
0.3513

 5.0567, 0.2543,
0.3963

150.3688, 0.2943,
0.3496

 2.2805, 0.2360,
0.4188

186.9315, 0.2956,
0.3481

 0.7634, 0.1214,
0.5395

228.9870, 0.2968,

 0.0000, 0.0000,

0.3468

0.0000

276.9198, 0.2977,
0.3457

■ 36.4939, 0.2830,
0.3625

■ 36.4939, 0.2830,
0.3625

■ 35.1622, 0.2751,
0.3751

■ 38.0662, 0.2918,
0.3508

■ 34.0541, 0.2685,
0.3886

■ 39.8861, 0.3013,
0.3401

■ 33.1573, 0.2633,
0.4028


■ 41.9659, 0.3111,
0.3305


■ 32.4566, 0.2600,
0.4173


■ 44.3159, 0.3211,
0.3218


■ 31.9347, 0.2585,
0.4320

■ 46.9455, 0.3310,
0.3142


 31.5709, 0.2591,
0.4465

 49.8640, 0.3408,
0.3074

 31.3516, 0.2607,
0.4584

 53.0799, 0.3504,
0.3015

 55.9965, 0.3569,
0.2959

 56.3260, 0.3510,
0.2893

Harmonies

Analogous

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



36.4939, 0.3169, 0.3864



36.4939, 0.2830, 0.3625



36.4939, 0.2579, 0.3289

Triad

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



36.4939, 0.2830, 0.3625



36.4939, 0.2733, 0.2714



36.4939, 0.3829, 0.3542

Complementary

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



36.4939, 0.2830, 0.3625



24.0751, 0.3563, 0.2981

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.



36.4939, 0.3702, 0.3252



36.4939, 0.2830, 0.3625



36.4939, 0.3054, 0.2792

Square

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



36.4939, 0.2830, 0.3625



36.4939, 0.2527, 0.2774



36.4939, 0.3412, 0.2984



36.4939, 0.3755, 0.3789

Rectangle

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



36.4939, 0.2830, 0.3625



36.4939, 0.2490, 0.3071



36.4939, 0.3412, 0.2984



36.4939, 0.3809, 0.3446

Sweetspot

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



36.4954, 0.2830, 0.3625



73.2309, 0.3037, 0.3376



37.1874, 0.3271, 0.4153



16.1612, 0.3023, 0.3391



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.



36.4954, 0.2830, 0.3625



64.4464, 0.2773, 0.3713



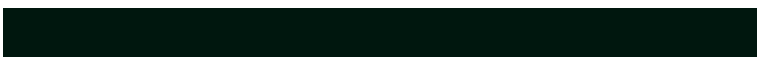
34.8282, 0.2670, 0.3188



9.0195, 0.3035, 0.3378



22.7486, 0.2602, 0.4569



0.6431, 0.2482, 0.4134

Inverse Universe

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



24.0751, 0.3563, 0.2981



38.3267, 0.3700, 0.2909



25.0943, 0.3803, 0.3388



8.0640, 0.3229, 0.3204



6.8258, 0.5415, 0.2757



0.2007, 0.4600, 0.2308

Previews

White Background



This preview shows how the Yxy color 36.4939, 0.2830, 0.3625 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 36.4939, 0.2830, 0.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

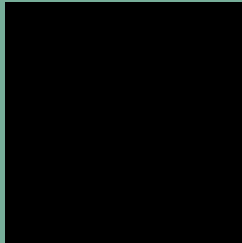
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4939, 0.2830, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 36.4939, 0.2830, 0.3625.



This preview shows how white text looks on a background with the Yxy color 36.4939, 0.2830, 0.3625.

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

36.4939, 0.2830, 0.3625

Protanopia

36.3510, 0.3340, 0.3522

Deuteranopia

36.2516, 0.3355, 0.3291



Tritanopia

36.6040, 0.2664, 0.3093

Trichromacy



Original Color

36.4939, 0.2830, 0.3625

Protanomaly

36.0217, 0.3134, 0.3547

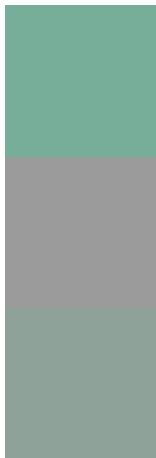
Deuteranomaly

35.8638, 0.3141, 0.3393

Tritanomaly

36.3153, 0.2720, 0.3273

Monochromacy



Original Color

36.4939, 0.2830, 0.3625

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.9245, 0.3010, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4939, 0.2830, 0.3625 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(119, 174, 153)` looks like.

```
.text, #text, p{  
    color:rgb(119, 174, 153)  
}
```

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(119, 174, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 174, 153) }
```

Border

The CSS property to change the border of an element to Yxy 36.4939, 0.2830, 0.3625 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(119, 174, 153) }
```

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

```
.border{ border-color:rgb(119, 174, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 174, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 174, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 174, 153);  
box-shadow:4px 4px 4px 4px rgb(119, 174,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4939, 0.2830, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 174, 153) }
```

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

```
.background{ background-color: rgb(119,  
174, 153) }
```

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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