

Converting Colors

$Yxy(37.5924, 0.2867, 0.3599)$

Have a look what the booklet for
Yxy(37.5924, 0.2867, 0.3599)
contains.

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Color

Yxy(37.4959, 0.2863, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	7EAF9C
RGB	126, 175, 156
RGB Percent	49%, 69%, 61%
CMY	0.5061, 0.3137, 0.3883
CMYK	0.28, 0.00, 0.11, 0.31
HSL	157°, 23%, 59%
HSV	157°, 28%, 69%
XYZ	29.9277, 37.4959, 37.1091
YIQ	158.1830, -23.1050, -16.2970

Conversions

Conversions Part 2

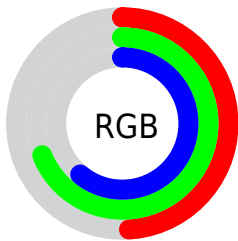
Format	Color
RYB	126, 156, 175
Decimal	8302492
CIELab	67.65, -20.39, 4.52
CIElCh	68, 20.885, 167.508
Yxy	37.4959, 0.2863, 0.3587
Android (android.graphics.Color)	4286492572 (0xFF7EAF9C)
YUV	158.1830, -1.0762, -28.2245
Hunter-Lab	61.2339, -19.9184, 6.9326

Details

The Yxy color **37.4959, 0.2863, 0.3587** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.0656, 0.3496, 0.3013**, and the grayscale version is **34.2874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5083, 0.2919, 0.3536**, and **16.4348, 0.2775, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **36.0586, 0.2781, 0.3712**, and if you desaturate by 10%, it is **39.1818, 0.2953, 0.3472**.

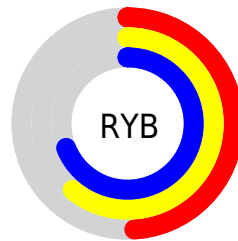
Distribution



Red (49%)

Green (69%)

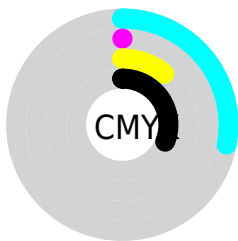
Blue (61%)



Red (49%)

Yellow (61%)

Blue (69%)

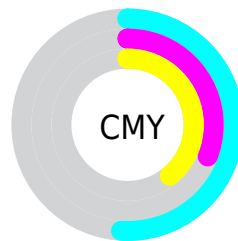


Cyan (28%)

Magenta (0%)

Yellow (11%)

Black (31%)



Cyan (51%)


Magenta (31%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4959, 0.2863, 0.3587 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 37.4959, 0.2863, 0.3587 by changing the saturation by 10% instead.


 37.4959, 0.2863,
0.3587


 37.4959, 0.2863,
0.3587


335.4525, 0.3001,
0.3430


 25.5917, 0.2826,
0.3629


 71.3348, 0.2915,
0.3528

 16.5184, 0.2778,
0.3685


 94.0383, 0.2934,
0.3506

 9.8917, 0.2711,
0.3763


 121.1104, 0.2950,
0.3488

 5.3272, 0.2613,
0.3879

152.9353, 0.2963,
0.3473

 2.4405, 0.2455,
0.4070

189.8976, 0.2975,
0.3460

 0.8466, 0.1744,
0.4812

232.3817, 0.2985,

 0.0000, 0.0000,

0.3449

0.0000

280.7719, 0.2993,
0.3439

■ 37.4959, 0.2863,
0.3587

■ 37.4959, 0.2863,
0.3587

■ 36.0586, 0.2781,
0.3712

■ 39.1818, 0.2953,
0.3472

■ 34.8530, 0.2710,
0.3847

■ 41.1232, 0.3048,
0.3367

■ 33.8672, 0.2654,
0.3989

■ 43.3323, 0.3147,
0.3272

■ 33.0863, 0.2614,
0.4136

■ 45.8192, 0.3246,
0.3188

■ 32.4936, 0.2593,
0.4285

■ 48.5935, 0.3344,
0.3113

■ 32.0694, 0.2593,
0.4434

■ 51.6643, 0.3440,
0.3048

■ 31.7819, 0.2609,
0.4579

■ 55.0402, 0.3533,
0.2990

■ 31.7315, 0.2613,
0.4608

■ 56.5926, 0.3530,
0.2928

■ 56.9386, 0.3471,
0.2860

Harmonies

Analogous

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



37.4959, 0.3166, 0.3797



37.4959, 0.2863, 0.3587



37.4959, 0.2637, 0.3291

Triad

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



37.4959, 0.2863, 0.3587



37.4959, 0.2776, 0.2773



37.4959, 0.3752, 0.3518

Complementary

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



37.4959, 0.2863, 0.3587



26.0656, 0.3496, 0.3013

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.



37.4959, 0.3639, 0.3258



37.4959, 0.2863, 0.3587



37.4959, 0.3063, 0.2842

Square

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



37.4959, 0.2863, 0.3587



37.4959, 0.2590, 0.2829



37.4959, 0.3381, 0.3016



37.4959, 0.3687, 0.3737

Rectangle

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



37.4959, 0.2863, 0.3587



37.4959, 0.2557, 0.3098



37.4959, 0.3381, 0.3016



37.4959, 0.3734, 0.3433

Sweetspot

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



37.4974, 0.2863, 0.3587



73.5988, 0.3047, 0.3368



38.2428, 0.3264, 0.4043



16.2368, 0.3033, 0.3383



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.



37.4974, 0.2863, 0.3587



65.4077, 0.2808, 0.3668



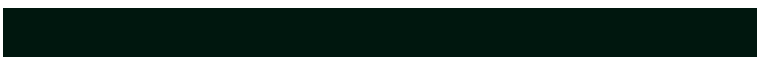
36.3171, 0.2719, 0.3214



9.0187, 0.3036, 0.3379



22.7316, 0.2609, 0.4591



0.6427, 0.2486, 0.4149

Inverse Universe

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



26.0656, 0.3496, 0.3013



41.3505, 0.3614, 0.2945



26.8125, 0.3707, 0.3365



8.0648, 0.3228, 0.3202



6.8355, 0.5389, 0.2742



0.2011, 0.4581, 0.2298

Previews

White Background



This preview shows how the Yxy color 37.4959, 0.2863, 0.3587 looks on a white background.

Color Contrast Check

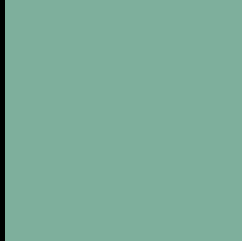
Large Text (above 18pt) WCAG AA × Fail

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 37.4959, 0.2863, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

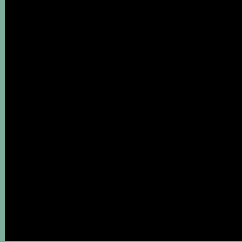
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4959, 0.2863, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 37.4959, 0.2863, 0.3587.

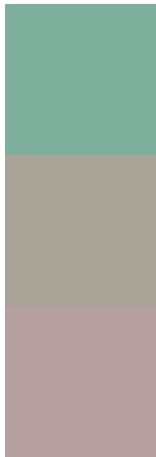


This preview shows how white text looks on a background with the Yxy color 37.4959, 0.2863, 0.3587.

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

37.4959, 0.2863, 0.3587

Protanopia

37.2990, 0.3309, 0.3491

Deuteranopia

37.2446, 0.3353, 0.3291



Tritanopia

37.5341, 0.2696, 0.3082

Trichromacy



Original Color

37.4959, 0.2863, 0.3587

Protanomaly

37.1423, 0.3134, 0.3528

Deuteranomaly

37.0603, 0.3160, 0.3392

Tritanomaly

37.3069, 0.2760, 0.3259

Monochromacy



Original Color

37.4959, 0.2863, 0.3587

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.0962, 0.3021, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4959, 0.2863, 0.3587 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(126, 175, 156)` looks like.

```
.text, #text, p{  
    color:rgb(126, 175, 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(126, 175, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 175, 156) }
```

Border

The CSS property to change the border of an element to Yxy 37.4959, 0.2863, 0.3587 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(126, 175, 156) }
```

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

```
.border{ border-color:rgb(126, 175, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 175, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 175, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 175, 156);  
box-shadow:4px 4px 4px 4px rgb(126, 175,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4959, 0.2863, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 175, 156) }
```

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

```
.background{ background-color: rgb(126,  
175, 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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