

Converting Colors

$Yxy(37.7383, 0.2821, 0.3350)$

Have a look what the booklet for
Yxy(37.7383, 0.2821, 0.3350)
contains.

Yxy(37.7383, 0.2821, 0.3350)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.7383, 0.2821, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	85ADA9
RGB	133, 173, 169
RGB Percent	52%, 68%, 66%
CMY	0.4783, 0.3216, 0.3373
CMYK	0.23, 0.00, 0.02, 0.32
HSL	174°, 20%, 60%
HSV	174°, 23%, 68%
XYZ	31.7790, 37.7383, 43.1343
YIQ	160.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

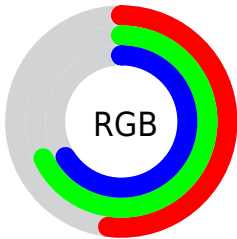
Format	Color
RYB	133, 154, 173
Decimal	8760745
CIELab	67.83, -14.29, -2.36
CIElCh	68, 14.485, 189.367
Yxy	37.7383, 0.2821, 0.3350
Android (android.graphics.Color)	4286950825 (0xFF85ADA9)
YUV	160.5840, 4.1491, -24.1912
Hunter-Lab	61.4315, -15.1656, 1.3714

Details

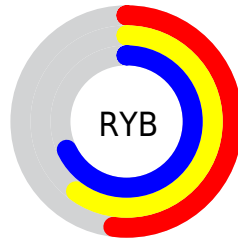
The Yxy color **37.7383, 0.2821, 0.3350** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.4740, 0.3546, 0.3232**, and the grayscale version is **35.4282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9852, 0.2881, 0.3347**, and **16.7529, 0.2726, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **36.3805, 0.2704, 0.3380**, and if you desaturate by 10%, it is **39.3320, 0.2949, 0.3323**.

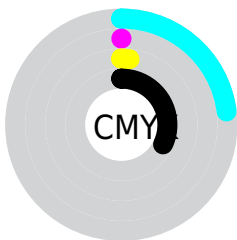
Distribution



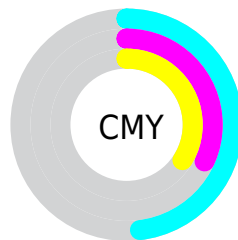
- Red (52%)
- Green (68%)
- Blue (66%)



- Red (52%)
- Yellow (60%)
- Blue (68%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (32%)





- Cyan (48%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.7383, 0.2821, 0.3350 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 37.7383, 0.2821, 0.3350 by changing the saturation by 10% instead.


 37.7383, 0.2821,
0.3350


 37.7383, 0.2821,
0.3350


336.4960, 0.2979,
0.3320


 25.7796, 0.2780,
0.3357


 71.7068, 0.2879,
0.3339

 16.6589, 0.2727,
0.3367


 94.4855, 0.2901,
0.3335

 9.9916, 0.2654,
0.3379


 121.6396, 0.2919,
0.3332

 5.3934, 0.2549,
0.3396

153.5536, 0.2935,
0.3329

 2.4799, 0.2386,
0.3420

190.6119, 0.2948,
0.3326

 0.8665, 0.1932,
0.3527

233.1987, 0.2959,

 0.0000, 0.0000,

0.3324

0.0000

281.6987, 0.2970,
0.3322

■ 37.7383, 0.2821,
0.3350

■ 37.7383, 0.2821,
0.3350

■ 36.3805, 0.2704,
0.3380

■ 39.3320, 0.2949,
0.3323

■ 35.2426, 0.2600,
0.3411

■ 41.1675, 0.3084,
0.3297

■ 34.3139, 0.2511,
0.3443

■ 43.2563, 0.3224,
0.3274

■ 33.5808, 0.2440,
0.3477

■ 45.6078, 0.3367,
0.3254

■ 33.0283, 0.2388,
0.3511

■ 48.2308, 0.3510,
0.3236

■ 32.6390, 0.2354,
0.3545

■ 51.1339, 0.3652,
0.3220

■ 32.3923, 0.2338,
0.3579

■ 54.3250, 0.3790,
0.3206

■ 32.2740, 0.2334,
0.3603

■ 54.5623, 0.3782,
0.3188

■ 54.6352, 0.3765,
0.3170

Harmonies

Analogous

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



37.7383, 0.3000, 0.3540



37.7383, 0.2821, 0.3350



37.7383, 0.2724, 0.3150

Triad

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



37.7383, 0.2821, 0.3350



37.7383, 0.3026, 0.2953



37.7383, 0.3538, 0.3569

Complementary

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



37.7383, 0.2821, 0.3350



27.4740, 0.3546, 0.3232

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.



37.7383, 0.3548, 0.3406



37.7383, 0.2821, 0.3350



37.7383, 0.3246, 0.3058

Square

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



37.7383, 0.2821, 0.3350



37.7383, 0.2839, 0.2929



37.7383, 0.3440, 0.3221



37.7383, 0.3415, 0.3665

Rectangle

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



37.7383, 0.2821, 0.3350



37.7383, 0.2716, 0.3041



37.7383, 0.3440, 0.3221



37.7383, 0.3555, 0.3520

Sweetspot

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



37.7398, 0.2821, 0.3350



72.3550, 0.3029, 0.3307



36.9584, 0.3139, 0.3918



15.6836, 0.3021, 0.3309



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



37.7398, 0.2821, 0.3350



66.2288, 0.2756, 0.3366



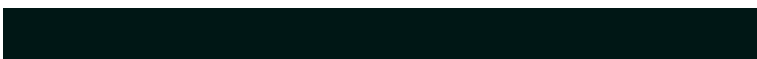
32.3495, 0.2774, 0.3053



9.0580, 0.2999, 0.3313



23.7147, 0.2333, 0.3599



0.6636, 0.2305, 0.3496

Inverse Universe

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



27.4740, 0.3546, 0.3232



44.4230, 0.3677, 0.3217



31.8682, 0.3543, 0.3516



8.0280, 0.3271, 0.3267



6.5617, 0.6261, 0.3223



0.1866, 0.5750, 0.2941

Previews

White Background



This preview shows how the Yxy color 37.7383, 0.2821, 0.3350 looks on a white background.

Color Contrast Check

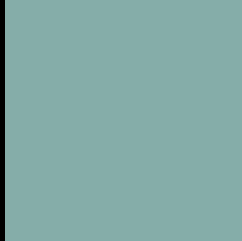
Large Text (above 18pt) WCAG AA × Fail

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 37.7383, 0.2821, 0.3350 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

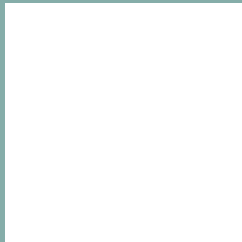
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.7383, 0.2821, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 37.7383, 0.2821, 0.3350.

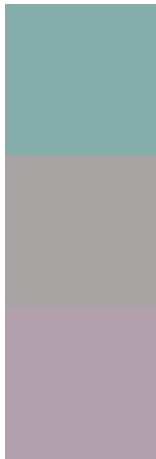


This preview shows how white text looks on a background with the Yxy color 37.7383, 0.2821, 0.3350.

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

37.7383, 0.2821, 0.3350

Protanopia

37.5561, 0.3165, 0.3290

Deuteranopia

37.5851, 0.3192, 0.3126



Tritanopia

37.8208, 0.2733, 0.3098

Trichromacy



Original Color

37.7383, 0.2821, 0.3350

Protanomaly

37.3592, 0.3027, 0.3304

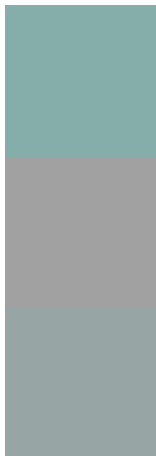
Deuteranomaly

37.5319, 0.3048, 0.3204

Tritanomaly

37.9106, 0.2763, 0.3185

Monochromacy



Original Color

37.7383, 0.2821, 0.3350

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.1699, 0.3007, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7383, 0.2821, 0.3350 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(133, 173, 169)` looks like.

```
.text, #text, p{  
    color:rgb(133, 173, 169)  
}
```

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(133, 173, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 173, 169) }
```

Border

The CSS property to change the border of an element to Yxy 37.7383, 0.2821, 0.3350 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(133, 173, 169) }
```

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

```
.border{ border-color:rgb(133, 173, 169) }
```

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

Here you see how a box with a 4 pixel rgb(133, 173, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 173, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 173, 169);  
box-shadow:4px 4px 4px 4px rgb(133, 173,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7383, 0.2821, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 173, 169) }
```

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

```
.background{ background-color: rgb(133,  
173, 169) }
```

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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