

Converting Colors

$Yxy(37.1667, 0.2962, 0.3424)$

Have a look what the booklet for
Yxy(37.1667, 0.2962, 0.3424)
contains.

Yxy(37.1623, 0.2962, 0.3425)	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(37.1623, 0.2962, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	8FAAA1
RGB	143, 170, 161
RGB Percent	56%, 67%, 63%
CMY	0.4391, 0.3333, 0.3686
CMYK	0.16, 0.00, 0.05, 0.33
HSL	160°, 14%, 61%
HSV	160°, 16%, 67%
XYZ	32.1386, 37.1623, 39.2022
YIQ	160.9010, -13.2030, -8.5230

Conversions

Conversions Part 2

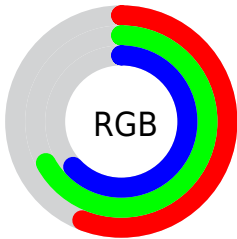
Format	Color
RYB	143, 159, 170
Decimal	9415329
CIELab	67.40, -11.14, 1.51
CIELCh	67, 11.242, 172.282
Yxy	37.1623, 0.2962, 0.3425
Android (android.graphics.Color)	4287605409 (0xFF8FAAA1)
YUV	160.9010, 0.0488, -15.6992
Hunter-Lab	60.9609, -12.5763, 4.5450

Details

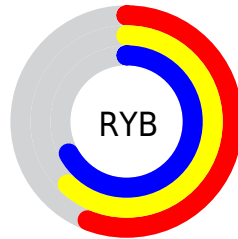
The Yxy color **37.1623, 0.2962, 0.3425** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.4641, 0.3326, 0.3159**, and the grayscale version is **35.5991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6786, 0.2992, 0.3392**, and **16.3580, 0.2901, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **35.5643, 0.2864, 0.3521**, and if you desaturate by 10%, it is **39.0024, 0.3065, 0.3337**.

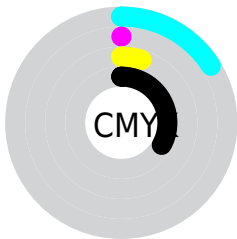
Distribution



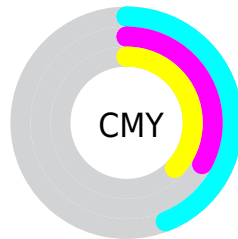
- Red (56%)
- Green (67%)
- Blue (63%)



- Red (56%)
- Yellow (62%)
- Blue (67%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)





- Cyan (44%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1623, 0.2962, 0.3425 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 37.1623, 0.2962, 0.3425 by changing the saturation by 10% instead.


 37.1623, 0.2962,
0.3425


 37.1623, 0.2962,
0.3425


334.0127, 0.3048,
0.3355

 25.3332, 0.2939,
0.3444


 70.8223, 0.2994,
0.3399

 16.3255, 0.2910,
0.3468


 93.4220, 0.3006,
0.3389

 9.7547, 0.2869,
0.3502


120.3807, 0.3016,
0.3381

 5.2367, 0.2809,
0.3553

152.0828, 0.3024,
0.3374

 2.3868, 0.2713,
0.3634

188.9126, 0.3031,
0.3368

 0.8191, 0.2399,
0.3878

231.2546, 0.3038,

 0.0000, 0.0000,

0.3363

0.0000

279.4931, 0.3043,
0.3359

■ 37.1623, 0.2962,
0.3425

■ 37.1623, 0.2962,
0.3425

■ 35.5643, 0.2864,
0.3521

■ 39.0024, 0.3065,
0.3337

■ 34.1932, 0.2775,
0.3626

■ 41.0898, 0.3171,
0.3258

■ 33.0395, 0.2696,
0.3738

■ 43.4351, 0.3278,
0.3188

■ 32.0909, 0.2631,
0.3857

■ 46.0471, 0.3384,
0.3125

■ 31.3341, 0.2583,
0.3980

■ 48.9342, 0.3488,
0.3070

■ 30.7538, 0.2553,
0.4106

■ 52.1043, 0.3590,
0.3022

■ 30.3329, 0.2543,
0.4233

■ 54.2094, 0.3626,
0.2973

■ 30.0483, 0.2552,
0.4358

■ 54.4803, 0.3574,
0.2916

■ 29.9494, 0.2558,
0.4409

■ 54.7611, 0.3524,
0.2859

Harmonies

Analogous

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



37.1623, 0.3125, 0.3544



37.1623, 0.2962, 0.3425



37.1623, 0.2845, 0.3269

Triad

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



37.1623, 0.2962, 0.3425



37.1623, 0.2959, 0.3005



37.1623, 0.3463, 0.3442

Complementary

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



37.1623, 0.2962, 0.3425



30.4641, 0.3326, 0.3159

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.



37.1623, 0.3417, 0.3300



37.1623, 0.2962, 0.3425



37.1623, 0.3123, 0.3053

Square

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



37.1623, 0.2962, 0.3425



37.1623, 0.2844, 0.3030



37.1623, 0.3291, 0.3159



37.1623, 0.3416, 0.3549

Rectangle

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



37.1623, 0.2962, 0.3425



37.1623, 0.2808, 0.3169



37.1623, 0.3291, 0.3159



37.1623, 0.3458, 0.3397

Sweetspot

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



37.1639, 0.2962, 0.3425



71.0461, 0.3073, 0.3331



37.4092, 0.3190, 0.3696



15.7891, 0.3066, 0.3337



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.



37.1639, 0.2962, 0.3425



66.3747, 0.2927, 0.3458



35.8354, 0.2889, 0.3222



8.4889, 0.3030, 0.3366



22.0423, 0.2554, 0.4396



0.5452, 0.2440, 0.3985

Inverse Universe

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



30.4641, 0.3326, 0.3159



51.9102, 0.3378, 0.3129



31.5581, 0.3409, 0.3357



7.5820, 0.3236, 0.3215



6.5106, 0.5598, 0.2857



0.1678, 0.4692, 0.2358

Previews

White Background



This preview shows how the Yxy color 37.1623, 0.2962, 0.3425 looks on a white background.

Color Contrast Check

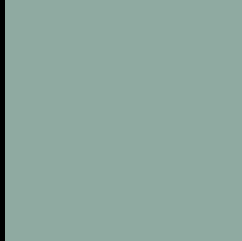
Large Text (above 18pt) WCAG AA × Fail

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 37.1623, 0.2962, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

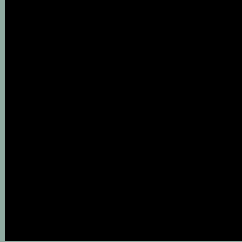
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

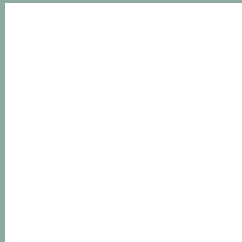
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.1623, 0.2962, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 37.1623, 0.2962, 0.3425.



This preview shows how white text looks on a background with the Yxy color 37.1623, 0.2962, 0.3425.

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

37.1623, 0.2962, 0.3425

Protanopia

36.9535, 0.3228, 0.3376

Deuteranopia

37.1439, 0.3295, 0.3235



Tritanopia

37.1358, 0.2846, 0.3100

Trichromacy



Original Color

37.1623, 0.2962, 0.3425

Protanomaly

37.1120, 0.3131, 0.3407

Deuteranomaly

37.0185, 0.3174, 0.3304

Tritanomaly

37.1334, 0.2892, 0.3216

Monochromacy



Original Color

37.1623, 0.2962, 0.3425

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.9942, 0.3060, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1623, 0.2962, 0.3425 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(143, 170, 161)` looks like.

```
.text, #text, p{  
    color:rgb(143, 170, 161)  
}
```

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(143, 170, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 170, 161) }
```

Border

The CSS property to change the border of an element to Yxy 37.1623, 0.2962, 0.3425 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(143, 170, 161) }
```

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

```
.border{ border-color:rgb(143, 170, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 170, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 170, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 170, 161);  
box-shadow:4px 4px 4px 4px rgb(143, 170,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1623, 0.2962, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 170, 161) }
```

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

```
.background{ background-color: rgb(143,  
170, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor