

Converting Colors

Yxy(37.3461, 0.2813, 0.3058)

Have a look what the booklet for
Yxy(37.3461, 0.2813, 0.3058)
contains.

Yxy(37.1673, 0.2815, 0.3058)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.1673, 0.2815, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	92A7B7
RGB	146, 167, 183
RGB Percent	57%, 65%, 72%
CMY	0.4276, 0.3450, 0.2824
CMYK	0.20, 0.09, 0.00, 0.28
HSL	206°, 20%, 64%
HSV	206°, 20%, 72%
XYZ	34.2138, 37.1673, 50.1601
YIQ	162.5450, -17.6520, 0.5240

Conversions

Conversions Part 2

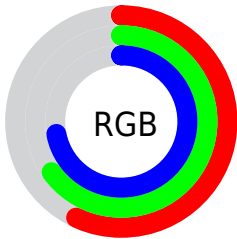
Format	Color
R _Y B	146, 159, 183
Decimal	9611191
CIE Lab	67.40, -3.81, -10.67
CIE LCh	67, 11.329, 250.325
Yxy	37.1673, 0.2815, 0.3058
Android (android.graphics.Color)	4287801271 (0xFF92A7B7)
YUV	162.5450, 10.0843, -14.5100
Hunter-Lab	60.9650, -6.5137, -6.1064

Details

The Yxy color **37.1673, 0.2815, 0.3058** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9572, 0.3480, 0.3511**, and the grayscale version is **36.3560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7539, 0.2872, 0.3101**, and **16.3061, 0.2722, 0.2983** is the 20% darker color. If you saturate the color by 10%, you get **32.8195, 0.2658, 0.2925**, and if you desaturate by 10%, it is **41.9631, 0.2971, 0.3179**.

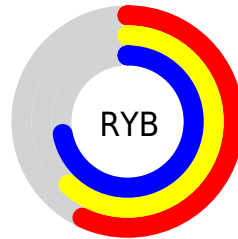
Distribution



Red (57%)

Green (65%)

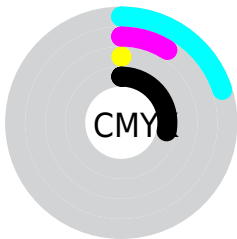
Blue (72%)



Red (57%)

Yellow (62%)

Blue (72%)

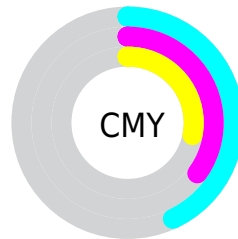


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (28%)



Cyan (43%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.1673, 0.2815, 0.3058 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 37.1673, 0.2815, 0.3058 by changing the saturation by 10% instead.

■ 37.1673, 0.2815,
0.3058

■ 37.1673, 0.2815,
0.3058

■ 334.0343, 0.2976,
0.3179

■ 25.3371, 0.2773,
0.3026

■ 70.8300, 0.2874,
0.3103

■ 16.3283, 0.2719,
0.2984

■ 93.4313, 0.2896,
0.3120

■ 9.7568, 0.2646,
0.2927

■ 120.3917, 0.2915,
0.3134

■ 5.2380, 0.2540,
0.2843

■ 152.0956, 0.2931,
0.3145

■ 2.3876, 0.2377,
0.2710

■ 188.9274, 0.2944,
0.3156

■ 0.8195, 0.2070,
0.2474

■ 231.2715, 0.2956,

■ 0.0000, 0.0000,

0.3164

0.0000

279.5123, 0.2966,
0.3172

■ 37.1673, 0.2815,
0.3058

■ 37.1673, 0.2815,
0.3058

■ 32.8195, 0.2658,
0.2925

■ 41.9631, 0.2971,
0.3179

■ 28.8993, 0.2503,
0.2782

■ 47.2172, 0.3124,
0.3288

■ 25.3912, 0.2353,
0.2628

■ 52.9453, 0.3271,
0.3385

■ 22.2767, 0.2215,
0.2467

■ 59.1610, 0.3411,
0.3471

■ 19.5359, 0.2091,
0.2301

■ 65.8770, 0.3543,
0.3547

■ 17.1459, 0.1985,
0.2134

■ 72.9619, 0.3662,
0.3614

■ 15.0808, 0.1901,
0.1969

■ 77.0641, 0.3641,
0.3693

■ 13.3280, 0.1837,
0.1814

■ 81.3628, 0.3619,
0.3769

■ 85.8605, 0.3598,
0.3844

Harmonies

Analogous

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



37.1673, 0.2807, 0.3177



37.1673, 0.2815, 0.3058



37.1673, 0.2904, 0.3004

Triad

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



37.1673, 0.2815, 0.3058



37.1673, 0.3376, 0.3241



37.1673, 0.3194, 0.3574

Complementary

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



37.1673, 0.2815, 0.3058



37.9572, 0.3480, 0.3511

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.



37.1673, 0.3350, 0.3585



37.1673, 0.2815, 0.3058



37.1673, 0.3458, 0.3388

Square

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



37.1673, 0.2815, 0.3058



37.1673, 0.3227, 0.3110



37.1673, 0.3448, 0.3515



37.1673, 0.3023, 0.3481

Rectangle

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



37.1673, 0.2815, 0.3058



37.1673, 0.2999, 0.3009



37.1673, 0.3448, 0.3515



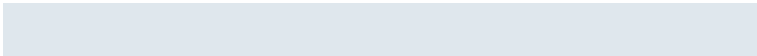
37.1673, 0.3250, 0.3588

Sweetspot

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



37.1688, 0.2815, 0.3058



78.9570, 0.3035, 0.3225



42.5545, 0.2986, 0.3605



17.3060, 0.3025, 0.3218



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



37.1688, 0.2815, 0.3058



63.2406, 0.2749, 0.3004



31.0375, 0.2798, 0.2788



9.5442, 0.2985, 0.3189



9.4382, 0.1842, 0.1833



0.4532, 0.1958, 0.2247

Inverse Universe

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



33.4033, 0.3305, 0.3002



55.5511, 0.3351, 0.2940



44.7405, 0.3435, 0.3747



9.0955, 0.3202, 0.3161



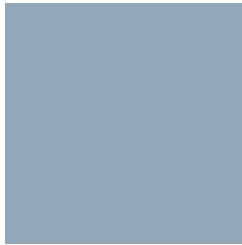
7.7351, 0.4647, 0.2333



0.2848, 0.4182, 0.2077

Previews

White Background



This preview shows how the Yxy color 37.1673, 0.2815, 0.3058 looks on a white background.

Color Contrast Check

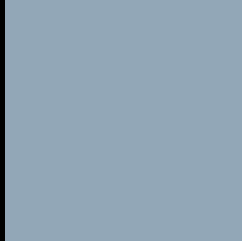
Large Text (above 18pt) WCAG AA × Fail

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 37.1673, 0.2815, 0.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

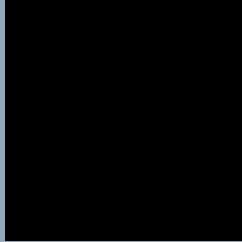
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

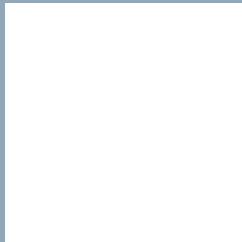
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.1673, 0.2815, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 37.1673, 0.2815, 0.3058.



This preview shows how white text looks on a background with the Yxy color 37.1673, 0.2815, 0.3058.

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

37.1673, 0.2815, 0.3058

Protanopia

37.1711, 0.2974, 0.3051

Deuteranopia

37.1904, 0.3004, 0.2948



Tritanopia

37.0846, 0.2830, 0.3086

Trichromacy



Original Color

37.1673, 0.2815, 0.3058

Protanomaly

36.9550, 0.2913, 0.3047

Deuteranomaly

37.2321, 0.2932, 0.2996

Tritanomaly

37.1258, 0.2823, 0.3072

Monochromacy



Original Color

37.1673, 0.2815, 0.3058

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.6213, 0.3012, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1673, 0.2815, 0.3058 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(146, 167, 183)` looks like.

```
.text, #text, p{  
    color:rgb(146, 167, 183)  
}
```

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(146, 167, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 167, 183) }
```

Border

The CSS property to change the border of an element to Yxy 37.1673, 0.2815, 0.3058 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(146, 167, 183) }
```

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

```
.border{ border-color:rgb(146, 167, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 167, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 167, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 167, 183);  
box-shadow:4px 4px 4px 4px rgb(146, 167,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1673, 0.2815, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 167, 183) }
```

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

```
.background{ background-color: rgb(146,  
167, 183) }
```

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