

Converting Colors

$Yxy(37.1626, 0.2882, 0.3077)$

Have a look what the booklet for
Yxy(37.1626, 0.2882, 0.3077)
contains.

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Color

Yxy(37.2840, 0.2880, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	98A6B5
RGB	152, 166, 181
RGB Percent	60%, 65%, 71%
CMY	0.4038, 0.3490, 0.2902
CMYK	0.16, 0.08, 0.00, 0.29
HSL	211°, 16%, 65%
HSV	211°, 16%, 71%
XYZ	34.9310, 37.2840, 49.0732
YIQ	163.5240, -13.1590, 1.6970

Conversions

Conversions Part 2

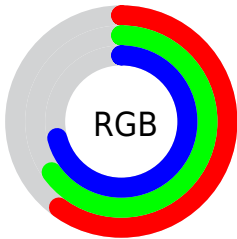
Format	Color
R_{YB}	152, 161, 181
Decimal	10004149
CIE _{Lab}	67.49, -1.72, -9.39
CIE _{LCh}	67, 9.550, 259.611
Yxy	37.2840, 0.2880, 0.3074
Android (android.graphics.Color)	4288194229 (0xFF98A6B5)
YUV	163.5240, 8.6157, -10.1065
Hunter-Lab	61.0606, -4.7414, -4.9078

Details

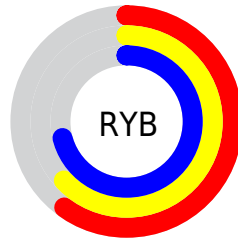
The Yxy color **37.2840, 0.2880, 0.3074** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7483, 0.3392, 0.3497**, and the grayscale version is **36.8532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9491, 0.2923, 0.3114**, and **16.3598, 0.2808, 0.3007** is the 20% darker color. If you saturate the color by 10%, you get **32.3828, 0.2719, 0.2920**, and if you desaturate by 10%, it is **42.7036, 0.3036, 0.3213**.

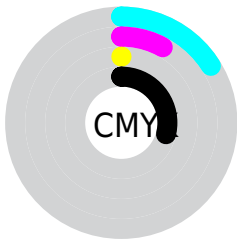
Distribution



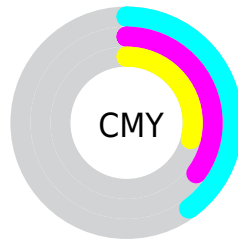
- Red (60%)
- Green (65%)
- Blue (71%)



- Red (60%)
- Yellow (63%)
- Blue (71%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2840, 0.2880, 0.3074 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 37.2840, 0.2880, 0.3074 by changing the saturation by 10% instead.

■ 37.2840, 0.2880,
0.3074

■ 37.2840, 0.2880,
0.3074

■ 334.5385, 0.3007,
0.3186

■ 25.4275, 0.2847,
0.3045

■ 71.0094, 0.2927,
0.3116

■ 16.3958, 0.2804,
0.3006

■ 93.6470, 0.2945,
0.3131

■ 9.8047, 0.2745,
0.2953

■ 120.6471, 0.2959,
0.3144

■ 5.2696, 0.2660,
0.2877

■ 152.3940, 0.2972,
0.3155

■ 2.4063, 0.2527,
0.2756

■ 189.2722, 0.2983,
0.3164

■ 0.8291, 0.2285,
0.2539

■ 231.6661, 0.2992,

■ 0.0000, 0.0000,

0.3173

0.0000

279.9601, 0.3000,
0.3180

■ 37.2840, 0.2880,
0.3074

■ 37.2840, 0.2880,
0.3074

■ 32.3828, 0.2719,
0.2920

■ 42.7036, 0.3036,
0.3213

■ 27.9782, 0.2555,
0.2751

■ 48.6533, 0.3186,
0.3338

■ 24.0531, 0.2394,
0.2568

■ 55.1503, 0.3327,
0.3449

■ 20.5879, 0.2239,
0.2376

■ 62.2095, 0.3460,
0.3546

■ 17.5611, 0.2095,
0.2177

■ 69.8452, 0.3583,
0.3632

■ 14.9491, 0.1969,
0.1976

■ 76.9853, 0.3655,
0.3713

■ 12.7253, 0.1865,
0.1779

■ 82.1159, 0.3629,
0.3803

■ 10.8568, 0.1784,
0.1592

■ 87.5282, 0.3603,
0.3892

■ 10.1854, 0.1756,
0.1520

■ 93.2266, 0.3579,
0.3977

Harmonies

Analogous

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



37.2840, 0.2851, 0.3160



37.2840, 0.2880, 0.3074



37.2840, 0.2974, 0.3047

Triad

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



37.2840, 0.2880, 0.3074



37.2840, 0.3366, 0.3288



37.2840, 0.3139, 0.3511

Complementary

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



37.2840, 0.2880, 0.3074



39.7483, 0.3392, 0.3497

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.



37.2840, 0.3278, 0.3543



37.2840, 0.2880, 0.3074



37.2840, 0.3411, 0.3410

Square

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



37.2840, 0.2880, 0.3074



37.2840, 0.3254, 0.3169



37.2840, 0.3379, 0.3505



37.2840, 0.2998, 0.3415

Rectangle

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



37.2840, 0.2880, 0.3074



37.2840, 0.3062, 0.3064



37.2840, 0.3379, 0.3505



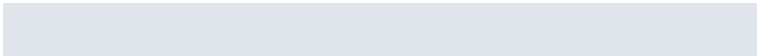
37.2840, 0.3187, 0.3529

Sweetspot

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



37.2855, 0.2880, 0.3074



77.4163, 0.3051, 0.3226



42.5188, 0.2993, 0.3490



16.5797, 0.3040, 0.3216



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



37.2855, 0.2880, 0.3074



63.7630, 0.2827, 0.3024



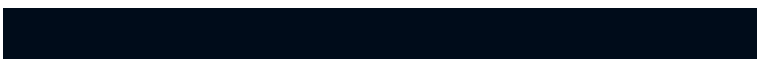
32.5313, 0.2876, 0.2868



8.8832, 0.2985, 0.3169



7.1588, 0.1762, 0.1542



0.3423, 0.1908, 0.2067

Inverse Universe

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



35.0463, 0.3287, 0.3099



59.1606, 0.3326, 0.3057



45.0838, 0.3359, 0.3681



8.5712, 0.3214, 0.3181



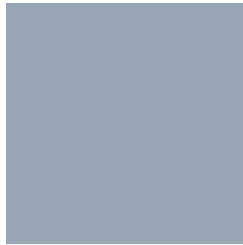
7.2628, 0.5005, 0.2531



0.2403, 0.4378, 0.2185

Previews

White Background



This preview shows how the Yxy color 37.2840, 0.2880, 0.3074 looks on a white background.

Color Contrast Check

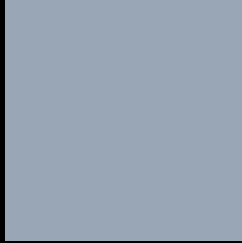
Large Text (above 18pt) WCAG AA × Fail

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 37.2840, 0.2880, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

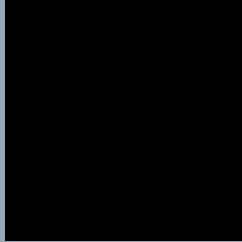
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

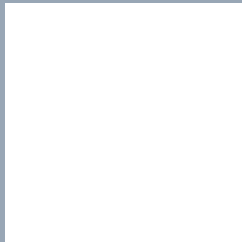
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.2840, 0.2880, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 37.2840, 0.2880, 0.3074.



This preview shows how white text looks on a background with the Yxy color 37.2840, 0.2880, 0.3074.

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

37.2840, 0.2880, 0.3074

Protanopia

37.2356, 0.2991, 0.3065

Deuteranopia

37.2897, 0.3048, 0.2989



Tritanopia

37.2025, 0.2895, 0.3102

Trichromacy



Original Color

37.2840, 0.2880, 0.3074

Protanomaly

37.2171, 0.2947, 0.3063

Deuteranomaly

37.2174, 0.2984, 0.3011

Tritanomaly

37.2431, 0.2888, 0.3088

Monochromacy



Original Color

37.2840, 0.2880, 0.3074

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.2861, 0.3039, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2840, 0.2880, 0.3074 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(152, 166, 181)` looks like.

```
.text, #text, p{  
    color:rgb(152, 166, 181)  
}
```

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(152, 166, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 166, 181) }
```

Border

The CSS property to change the border of an element to Yxy 37.2840, 0.2880, 0.3074 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(152, 166, 181) }
```

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

```
.border{ border-color:rgb(152, 166, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 166, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 166, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 166, 181);  
box-shadow:4px 4px 4px 4px rgb(152, 166,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2840, 0.2880, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 166, 181) }
```

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

```
.background{ background-color: rgb(152,  
166, 181) }
```

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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