

Converting Colors

$Yxy(37.0664, 0.2844, 0.2839)$

Have a look what the booklet for
Yxy(37.0664, 0.2844, 0.2839)
contains.

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Color

Yxy(37.2093, 0.2844, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	A0A2C2
RGB	160, 162, 194
RGB Percent	63%, 64%, 76%
CMY	0.3728, 0.3646, 0.2393
CMYK	0.18, 0.16, 0.00, 0.24
HSL	236°, 22%, 69%
HSV	236°, 18%, 76%
XYZ	37.1440, 37.2093, 56.2515
YIQ	165.0500, -11.4640, 9.5280

Conversions

Conversions Part 2

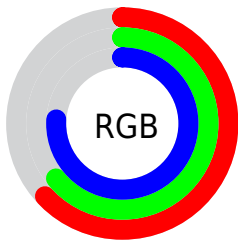
Format	Color
R _Y B	160, 162, 194
Decimal	10527426
CIE Lab	67.43, 5.93, -16.63
CIE LCh	67, 17.654, 289.618
Yxy	37.2093, 0.2844, 0.2849
Android (android.graphics.Color)	4288717506 (0xFFA0A2C2)
YUV	165.0500, 14.2723, -4.4289
Hunter-Lab	60.9994, 1.9439, -11.9755

Details

The Yxy color **37.2093, 0.2844, 0.2849** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.6560, 0.3392, 0.3696**, and the grayscale version is **37.5829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0378, 0.2896, 0.2929**, and **16.2335, 0.2758, 0.2715** is the 20% darker color. If you saturate the color by 10%, you get **29.4073, 0.2658, 0.2555**, and if you desaturate by 10%, it is **46.2553, 0.3012, 0.3112**.

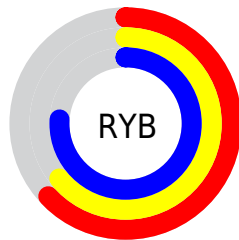
Distribution



Red (63%)

Green (64%)

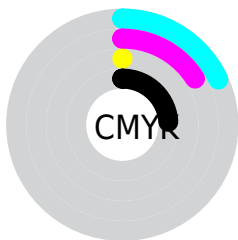
Blue (76%)



Red (63%)

Yellow (64%)

Blue (76%)

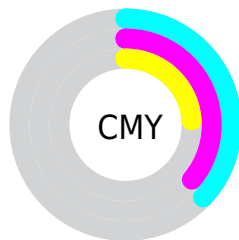


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (37%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2093, 0.2844, 0.2849 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 37.2093, 0.2844, 0.2849 by changing the saturation by 10% instead.

■ 37.2093, 0.2844,
0.2849

■ 37.2093, 0.2844,
0.2849

■ 334.2158, 0.2991,
0.3073

■ 25.3696, 0.2806,
0.2792

■ 70.8946, 0.2899,
0.2931

■ 16.3526, 0.2756,
0.2719

■ 93.5089, 0.2919,
0.2962

■ 9.7740, 0.2687,
0.2620

■ 120.4836, 0.2936,
0.2988

■ 5.2494, 0.2589,
0.2481

■ 152.2030, 0.2950,
0.3010

■ 2.3943, 0.2437,
0.2272

■ 189.0515, 0.2962,
0.3029

■ 0.8230, 0.2174,
0.1924

■ 231.4136, 0.2973,

■ 0.0000, 0.0000,

0.3045

0.0000

279.6735, 0.2983,
0.3060

■ 37.2093, 0.2844,
0.2849

■ 37.2093, 0.2844,
0.2849

■ 29.4073, 0.2658,
0.2555

■ 46.2553, 0.3012,
0.3112

■ 22.7904, 0.2457,
0.2235

■ 56.5915, 0.3162,
0.3344

■ 17.3022, 0.2249,
0.1900

■ 68.2675, 0.3293,
0.3546

■ 12.8794, 0.2044,
0.1564

■ 81.3287, 0.3408,
0.3720

■ 9.4527, 0.1856,
0.1250

■ 95.4508, 0.3494,
0.3872

■ 6.9447, 0.1700,
0.0982

■ 96.6742, 0.3490,
0.3890

■ 5.2664, 0.1587,
0.0781

■ 4.3058, 0.1522,
0.0656

■ 4.1543, 0.1510,
0.0636

Harmonies

Analogous

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



37.2093, 0.2676, 0.2892



37.2093, 0.2844, 0.2849



37.2093, 0.3093, 0.2915

Triad

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



37.2093, 0.2844, 0.2849



37.2093, 0.3657, 0.3502



37.2093, 0.2887, 0.3524

Complementary

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



37.2093, 0.2844, 0.2849



51.6560, 0.3392, 0.3696

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.



37.2093, 0.3143, 0.3708



37.2093, 0.2844, 0.2849



37.2093, 0.3593, 0.3682

Square

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



37.2093, 0.2844, 0.2849



37.2093, 0.3571, 0.3281



37.2093, 0.3403, 0.3763



37.2093, 0.2700, 0.3275

Rectangle

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



37.2093, 0.2844, 0.2849



37.2093, 0.3274, 0.3010



37.2093, 0.3403, 0.3763



37.2093, 0.2968, 0.3597

Sweetspot

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



37.2108, 0.2844, 0.2849



88.2265, 0.3051, 0.3172



49.8353, 0.2881, 0.3319



19.0375, 0.3040, 0.3155



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



37.2108, 0.2844, 0.2849



61.8211, 0.2776, 0.2741



38.0928, 0.2972, 0.2837



9.8448, 0.2983, 0.3067



2.7745, 0.1513, 0.0645



0.1547, 0.1558, 0.0807

Inverse Universe

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



39.1968, 0.3441, 0.3264



66.1238, 0.3526, 0.3257



50.7220, 0.3263, 0.3738



10.0877, 0.3280, 0.3276



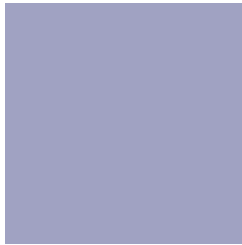
7.5623, 0.6325, 0.3258



0.3303, 0.6058, 0.3111

Previews

White Background



This preview shows how the Yxy color 37.2093, 0.2844, 0.2849 looks on a white background.

Color Contrast Check

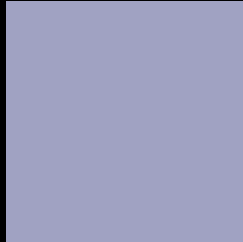
Large Text (above 18pt) WCAG AA × Fail

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 37.2093, 0.2844, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

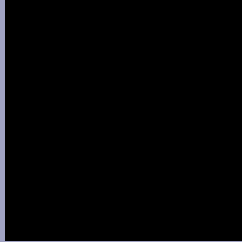
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

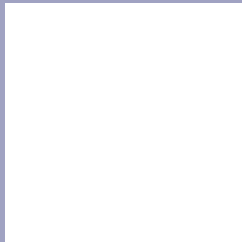
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.2093, 0.2844, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 37.2093, 0.2844, 0.2849.



This preview shows how white text looks on a background with the Yxy color 37.2093, 0.2844, 0.2849.

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

37.2093, 0.2844, 0.2849

Protanopia

37.3585, 0.2828, 0.2861

Deuteranopia

37.0360, 0.2886, 0.2826



Tritanopia

37.2927, 0.2946, 0.3104

Trichromacy



Original Color

37.2093, 0.2844, 0.2849

Protanomaly

37.4604, 0.2837, 0.2862

Deuteranomaly

37.1713, 0.2869, 0.2838

Tritanomaly

37.2807, 0.2907, 0.3008

Monochromacy



Original Color

37.2093, 0.2844, 0.2849

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.4720, 0.3016, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2093, 0.2844, 0.2849 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(160, 162, 194)` looks like.

```
.text, #text, p{  
    color:rgb(160, 162, 194)  
}
```

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(160, 162, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 162, 194) }
```

Border

The CSS property to change the border of an element to Yxy 37.2093, 0.2844, 0.2849 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(160, 162, 194) }
```

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

```
.border{ border-color:rgb(160, 162, 194) }
```

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

Here you see how a box with a 4 pixel rgb(160, 162, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 162, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 162, 194);  
box-shadow:4px 4px 4px 4px rgb(160, 162,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2093, 0.2844, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 162, 194) }
```

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

```
.background{ background-color: rgb(160,  
162, 194) }
```

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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