

Converting Colors

$Y_{xy}(37.3513, 0.2893, 0.2853)$

Have a look what the booklet for
Yxy(37.3513, 0.2893, 0.2853)
contains.

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Color

Yxy(37.3393, 0.2895, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	A5A1C1
RGB	165, 161, 193
RGB Percent	65%, 63%, 76%
CMY	0.3528, 0.3686, 0.2432
CMYK	0.14, 0.17, 0.00, 0.24
HSL	248°, 20%, 69%
HSV	248°, 17%, 76%
XYZ	37.8890, 37.3393, 55.6490
YIQ	165.8440, -7.8880, 10.8000

Conversions

Conversions Part 2

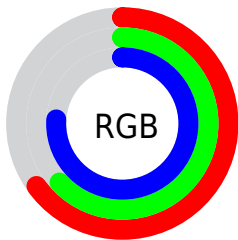
Format	Color
R _Y B	165, 161, 193
Decimal	10854849
CIE Lab	67.53, 7.94, -15.89
CIE LCh	68, 17.759, 296.546
Yxy	37.3393, 0.2895, 0.2853
Android (android.graphics.Color)	4289044929 (0xFFA5A1C1)
YUV	165.8440, 13.3879, -0.7402
Hunter-Lab	61.1059, 3.7444, -11.2212

Details

The Yxy color **37.3393, 0.2895, 0.2853** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.5164, 0.3339, 0.3701**, and the grayscale version is **37.9928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1669, 0.2942, 0.2941**, and **16.5267, 0.2827, 0.2741** is the 20% darker color. If you saturate the color by 10%, you get **29.4171, 0.2730, 0.2550**, and if you desaturate by 10%, it is **46.5442, 0.3041, 0.3127**.

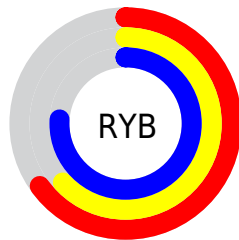
Distribution



Red (65%)

Green (63%)

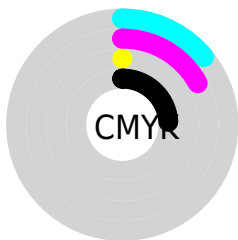
Blue (76%)



Red (65%)

Yellow (63%)

Blue (76%)

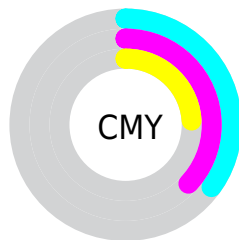


Cyan (14%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3393, 0.2895, 0.2853 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 37.3393, 0.2895, 0.2853 by changing the saturation by 10% instead.

■ 37.3393, 0.2895,
0.2853

■ 37.3393, 0.2895,
0.2853

334.7772, 0.3016,
0.3074

■ 25.4703, 0.2863,
0.2797

■ 71.0943, 0.2940,
0.2934

■ 16.4278, 0.2821,
0.2725

■ 93.7491, 0.2957,
0.2964

■ 9.8274, 0.2764,
0.2628

120.7680, 0.2971,
0.2990

■ 5.2847, 0.2682,
0.2492

152.5354, 0.2983,
0.3012

■ 2.4152, 0.2552,
0.2288

189.4355, 0.2993,
0.3030

■ 0.8337, 0.2325,
0.1949

231.8530, 0.3002,

■ 0.0000, 0.0000,

0.3047

0.0000

280.1721, 0.3009,
0.3061

■ 37.3393, 0.2895,
0.2853

■ 37.3393, 0.2895,
0.2853

■ 29.4171, 0.2730,
0.2550

■ 46.5442, 0.3041,
0.3127

■ 22.7159, 0.2548,
0.2223

■ 57.0803, 0.3169,
0.3370

■ 17.1763, 0.2353,
0.1882

■ 68.9995, 0.3279,
0.3583

■ 12.7318, 0.2155,
0.1544

■ 82.3494, 0.3373,
0.3769

■ 9.3091, 0.1964,
0.1231

■ 95.5771, 0.3458,
0.3908

■ 6.8259, 0.1795,
0.0967

■ 96.6293, 0.3496,
0.3900

■ 5.1872, 0.1661,
0.0772

■ 4.2700, 0.1569,
0.0655

■ 4.0470, 0.1546,
0.0625

Harmonies

Analogous

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



37.3393, 0.2704, 0.2870



37.3393, 0.2895, 0.2853



37.3393, 0.3156, 0.2942

Triad

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



37.3393, 0.2895, 0.2853



37.3393, 0.3658, 0.3551



37.3393, 0.2835, 0.3470

Complementary

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



37.3393, 0.2895, 0.2853



51.5164, 0.3339, 0.3701

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.



37.3393, 0.3081, 0.3677



37.3393, 0.2895, 0.2853



37.3393, 0.3561, 0.3713

Square

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



37.3393, 0.2895, 0.2853



37.3393, 0.3606, 0.3333



37.3393, 0.3347, 0.3765



37.3393, 0.2670, 0.3216

Rectangle

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



37.3393, 0.2895, 0.2853



37.3393, 0.3336, 0.3050



37.3393, 0.3347, 0.3765



37.3393, 0.2910, 0.3549

Sweetspot

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



37.3409, 0.2895, 0.2853



86.0458, 0.3062, 0.3165



47.9281, 0.2878, 0.3240



18.1872, 0.3052, 0.3147



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



37.3409, 0.2895, 0.2853



61.3193, 0.2835, 0.2743



39.1288, 0.3034, 0.2871



9.8074, 0.3002, 0.3053



2.7119, 0.1552, 0.0629



0.1376, 0.1708, 0.0714

Inverse Universe

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



40.4963, 0.3181, 0.2934



68.0850, 0.3195, 0.2851



49.6172, 0.3206, 0.3718



10.2250, 0.3156, 0.3091



9.4470, 0.3551, 0.1730



0.4144, 0.3464, 0.1682

Previews

White Background



This preview shows how the Yxy color 37.3393, 0.2895, 0.2853 looks on a white background.

Color Contrast Check

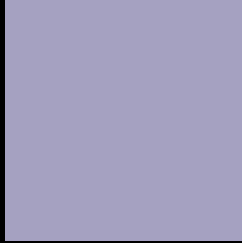
Large Text (above 18pt) WCAG AA × Fail

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 37.3393, 0.2895, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

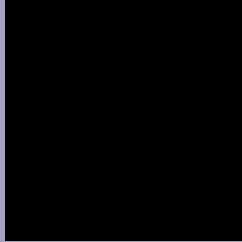
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3393, 0.2895, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 37.3393, 0.2895, 0.2853.



This preview shows how white text looks on a background with the Yxy color 37.3393, 0.2895, 0.2853.

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

37.3393, 0.2895, 0.2853

Protanopia

37.3585, 0.2828, 0.2861

Deuteranopia

37.5555, 0.2912, 0.2855



Tritanopia

37.4066, 0.2999, 0.3106

Trichromacy



Original Color

37.3393, 0.2895, 0.2853

Protanomaly

37.3128, 0.2853, 0.2850

Deuteranomaly

37.4470, 0.2903, 0.2854

Tritanomaly

37.3998, 0.2958, 0.3011

Monochromacy



Original Color

37.3393, 0.2895, 0.2853

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.7925, 0.3043, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3393, 0.2895, 0.2853 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(165, 161, 193)` looks like.

```
.text, #text, p{  
    color:rgb(165, 161, 193)  
}
```

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(165, 161, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 161, 193) }
```

Border

The CSS property to change the border of an element to Yxy 37.3393, 0.2895, 0.2853 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(165, 161, 193) }
```

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

```
.border{ border-color:rgb(165, 161, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 161, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 161, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 161, 193);  
box-shadow:4px 4px 4px 4px rgb(165, 161,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3393, 0.2895, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 161, 193) }
```

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

```
.background{ background-color: rgb(165,  
161, 193) }
```

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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