

Converting Colors

$Y_{xy}(37.3525, 0.2974, 0.3086)$

Have a look what the booklet for
Yxy(37.3525, 0.2974, 0.3086)
contains.

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Color

Yxy(37.3423, 0.2981, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	A1A4B2
RGB	161, 164, 178
RGB Percent	63%, 64%, 70%
CMY	0.3688, 0.3568, 0.3020
CMYK	0.10, 0.08, 0.00, 0.30
HSL	229°, 10%, 66%
HSV	229°, 10%, 70%
XYZ	36.0017, 37.3423, 47.4267
YIQ	164.6990, -6.2820, 3.7180

Conversions

Conversions Part 2

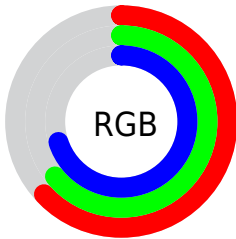
Format	Color
RYB	161, 164, 178
Decimal	10593458
CIELab	67.53, 1.71, -7.58
CIElCh	68, 7.775, 282.728
Yxy	37.3423, 0.2981, 0.3092
Android (android.graphics.Color)	4288783538 (0xFFA1A4B2)
YUV	164.6990, 6.5574, -3.2440
Hunter-Lab	61.1083, -1.7770, -3.2396

Details

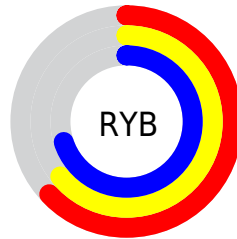
The Yxy color **37.3423, 0.2981, 0.3092** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6693, 0.3271, 0.3481**, and the grayscale version is **37.4431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2025, 0.3009, 0.3127**, and **16.3202, 0.2935, 0.3031** is the 20% darker color. If you saturate the color by 10%, you get **30.6952, 0.2814, 0.2859**, and if you desaturate by 10%, it is **44.8557, 0.3133, 0.3298**.

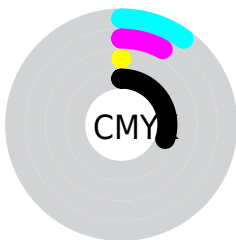
Distribution



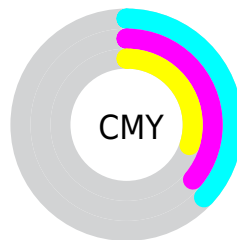
- Red (63%)
- Green (64%)
- Blue (70%)



- Red (63%)
- Yellow (64%)
- Blue (70%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



- Cyan (37%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3423, 0.2981, 0.3092 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 37.3423, 0.2981, 0.3092 by changing the saturation by 10% instead.

■ 37.3423, 0.2981,
0.3092

■ 37.3423, 0.2981,
0.3092

■ 334.7901, 0.3057,
0.3194

■ 25.4726, 0.2961,
0.3065

■ 71.0989, 0.3009,
0.3130

■ 16.4295, 0.2935,
0.3031

■ 93.7547, 0.3020,
0.3144

■ 9.8286, 0.2899,
0.2984

■ 120.7746, 0.3028,
0.3156

■ 5.2855, 0.2848,
0.2915

■ 152.5430, 0.3036,
0.3166

■ 2.4157, 0.2765,
0.2808

■ 189.4444, 0.3042,
0.3174

■ 0.8340, 0.2617,
0.2615

■ 231.8631, 0.3048,

■ 0.0000, 0.0000,

0.3182

0.0000

280.1836, 0.3053,
0.3188

■ 37.3423, 0.2981,
0.3092

■ 37.3423, 0.2981,
0.3092

■ 30.6952, 0.2814,
0.2859

■ 44.8557, 0.3133,
0.3298

■ 24.8784, 0.2633,
0.2601

■ 53.2602, 0.3270,
0.3479

■ 19.8604, 0.2442,
0.2320

■ 62.5858, 0.3393,
0.3637

■ 15.6056, 0.2248,
0.2022

■ 72.8593, 0.3501,
0.3774

■ 12.0759, 0.2058,
0.1720

■ 84.1066, 0.3597,
0.3892

■ 9.2299, 0.1883,
0.1427

■ 93.8533, 0.3594,
0.4017

■ 7.0216, 0.1736,
0.1162

■ 95.9942, 0.3585,
0.4047

■ 5.3990, 0.1624,
0.0941

■ 4.2859, 0.1550,
0.0774

Harmonies

Analogous

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



37.3423, 0.2915, 0.3127



37.3423, 0.2981, 0.3092



37.3423, 0.3087, 0.3109

Triad

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



37.3423, 0.2981, 0.3092



37.3423, 0.3355, 0.3367



37.3423, 0.3047, 0.3413

Complementary

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



37.3423, 0.2981, 0.3092



42.6693, 0.3271, 0.3481

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.



37.3423, 0.3164, 0.3480



37.3423, 0.2981, 0.3092



37.3423, 0.3343, 0.3451

Square

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



37.3423, 0.2981, 0.3092



37.3423, 0.3304, 0.3266



37.3423, 0.3273, 0.3493



37.3423, 0.2953, 0.3311

Rectangle

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



37.3423, 0.2981, 0.3092



37.3423, 0.3166, 0.3147



37.3423, 0.3273, 0.3493



37.3423, 0.3085, 0.3440

Sweetspot

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



37.3439, 0.2981, 0.3092



76.4287, 0.3082, 0.3229



42.5013, 0.3006, 0.3333



16.6875, 0.3070, 0.3213



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.



37.3439, 0.2981, 0.3092



65.6710, 0.2955, 0.3056



36.8329, 0.3030, 0.3052



8.4691, 0.2985, 0.3098



3.1072, 0.1551, 0.0783



0.1719, 0.1682, 0.1253

Inverse Universe

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



37.6192, 0.3264, 0.3248



66.2686, 0.3290, 0.3241



43.2491, 0.3219, 0.3525



8.5294, 0.3260, 0.3249



6.8538, 0.6097, 0.3132



0.2231, 0.5392, 0.2744

Previews

White Background



This preview shows how the Yxy color 37.3423, 0.2981, 0.3092 looks on a white background.

Color Contrast Check

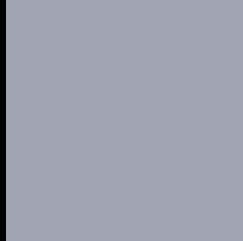
Large Text (above 18pt) WCAG AA × Fail

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 37.3423, 0.2981, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

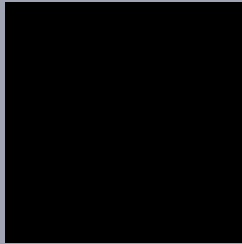
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

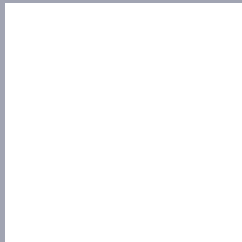
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.3423, 0.2981, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 37.3423, 0.2981, 0.3092.

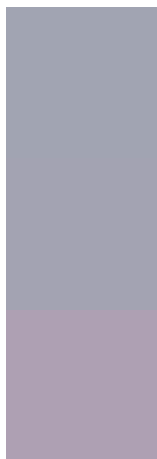


This preview shows how white text looks on a background with the Yxy color 37.3423, 0.2981, 0.3092.

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

37.3423, 0.2981, 0.3092

Protanopia

37.1953, 0.2999, 0.3079

Deuteranopia

37.3950, 0.3092, 0.3030



Tritanopia

37.3023, 0.2990, 0.3106

Trichromacy



Original Color

37.3423, 0.2981, 0.3092

Protanomaly

37.0901, 0.2990, 0.3078

Deuteranomaly

37.1794, 0.3046, 0.3040

Tritanomaly

37.3023, 0.2990, 0.3106

Monochromacy



Original Color

37.3423, 0.2981, 0.3092

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.7051, 0.3075, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3423, 0.2981, 0.3092 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(161, 164, 178)` looks like.

```
.text, #text, p{  
    color:rgb(161, 164, 178)  
}
```

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(161, 164, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 164, 178) }
```

Border

The CSS property to change the border of an element to Yxy 37.3423, 0.2981, 0.3092 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(161, 164, 178) }
```

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

```
.border{ border-color:rgb(161, 164, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 164, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 164, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 164, 178);  
box-shadow:4px 4px 4px 4px rgb(161, 164,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3423, 0.2981, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 164, 178) }
```

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

```
.background{ background-color: rgb(161,  
164, 178) }
```

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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