Converting Colors

Yxy(41.5279, 0.2980, 0.3087)

Have a look what the booklet for Yxy(41.5279, 0.2980, 0.3087) contains.

Yxy(41.5279, 0.2980, 0.3087) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 27
- ***CSS Examples*** 30

Color

Yxy(41.5279, 0.2980, 0.3087)

Conversions

Format	Color
Hex	A9ACBB
RGB	169, 172, 187
RGB Percent	66%, 67%, 73%
CMY	0.3371, 0.3255, 0.2667
CMYK	0.10, 0.08, 0.00, 0.27
HSL	230°, 12%, 70%
HSV	230°, 10%, 73%
XYZ	40.0885, 41.5279, 52.9087
YIQ	172.8130, -6.6030, 4.0290

Conversions Part 1

Conversions

Conversions Part 2

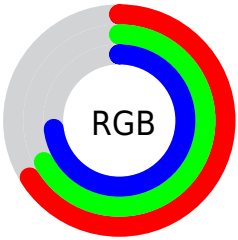
Format	Color
RYB	169, 172, 187
Decimal	11119803
CIELab	70.54, 1.94, -8.02
CIELCh	71, 8.252, 283.562
Yxy	41.5279, 0.2980, 0.3087
Android (android.graphics.Color)	4289309883 (0xFFA9ACBB)
YUV	172.8130, 6.9942, -3.3440
Hunter-Lab	64.4421, -1.7316, -3.5692

Details

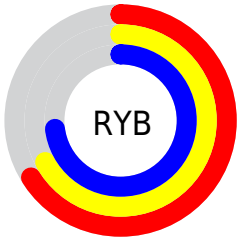
The Yxy color 41.5279, 0.2980, 0.3087 is a light color, and the websafe version is hex 999999. A complement of this color would be 47.7211, 0.3272, 0.3485, and the grayscale version is 41.6581, 0.3127, 0.3290.

A 20% lighter version of the original color is 77.2565, 0.3006, 0.3122, and 18.9361, 0.2935, 0.3028 is the 20% darker color. If you saturate the color by 10%, you get 34.0083, 0.2811, 0.2849, and if you desaturate by 10%, it is 50.0452, 0.3133, 0.3298.

Distribution

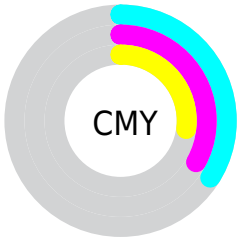


- Red (66%)
- Green (67%)
- Blue (73%)



- Red (66%)
- Yellow (67%)
- Blue (73%)

- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (27%)



- Cyan (34%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5279, 0.2980, 0.3087 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 41.5279, 0.2980, 0.3087 by changing the saturation by 10% instead.

41.5279, 0.2980, 0.3087

41.5279, 0.2980, 0.3087

352.5222, 0.3055, 0.3190

28.7318, 0.2961, 0.3061

77.4846, 0.3008, 0.3125

18.8780, 0.2936, 0.3027

101.4140, 0.3018, 0.3139

11.5822, 0.2902, 0.2982

129.8233, 0.3027, 0.3151

6.4599, 0.2854, 0.2918

163.0969, 0.3034, 0.3161

3.1267, 0.2781, 0.2820

201.6192, 0.3040, 0.3169

1.1982, 0.2653, 0.2655

245.7746, 0.3046,

0.0602, 0.1321,

0.3177

0.0761

295.9474, 0.3051, 0.3184

0.0000, 0.0000, 0.0000

41.5279, 0.2980, 0.3087

41.5279, 0.2980, 0.3087

34.0083, 0.2811, 0.2849

50.0452, 0.3133, 0.3298

27.4445, 0.2629, 0.2584

59.5896, 0.3270, 0.3483

21.7995, 0.2436, 0.2297

70.1958, 0.3392, 0.3644

17.0318, 0.2239, 0.1993

81.8952, 0.3500, 0.3783

13.0965, 0.2047, 0.1686

93.2621, 0.3543, 0.3915

9.9450, 0.1872, 0.1390

96.3673, 0.3532, 0.3959

7.5231, 0.1724, 0.1124

5.7695, 0.1614, 0.0907

4.5964, 0.1542, 0.0748

Harmonies

Analogous

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

41.5279, 0.2911, 0.3121

41.5279, 0.2980, 0.3087

41.5279, 0.3089, 0.3106

Triad

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

41.5279, 0.2980, 0.3087

41.5279, 0.3361, 0.3372

41.5279, 0.3042, 0.3413

Complementary

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

41.5279, 0.2980, 0.3087

47.7211, 0.3272, 0.3485

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.

41.5279, 0.3162, 0.3483

41.5279, 0.2980, 0.3087

41.5279, 0.3347, 0.3457

Square

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

41.5279, 0.2980, 0.3087

41.5279, 0.3311, 0.3268

41.5279, 0.3274, 0.3499

41.5279, 0.2946, 0.3309

Rectangle

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

41.5279, 0.2980, 0.3087

41.5279, 0.3171, 0.3145

41.5279, 0.3274, 0.3499

41.5279, 0.3081, 0.3442

Sweetspot

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

41.5296, 0.2980, 0.3087

84.1803, 0.3082, 0.3228

47.4346, 0.3003, 0.3329

18.2623, 0.3070, 0.3211

95.5105, 0.3127, 0.3290

19.5994, 0.3127, 0.3290

Same Dimension

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

41.5296, 0.2980, 0.3087

70.7284, 0.2938, 0.3028

41.0925, 0.3032, 0.3050

9.4728, 0.2984, 0.3092

3.2142, 0.1544, 0.0757

0.2064, 0.1653, 0.1149

Inverse Universe

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

41.9306, 0.3267, 0.3251

71.6612, 0.3310, 0.3241

48.2253, 0.3217, 0.3526

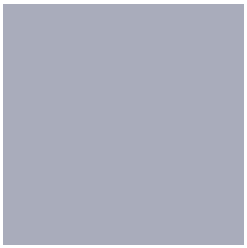
9.5614, 0.3263, 0.3252

7.3542, 0.6138, 0.3155

0.2962, 0.5539, 0.2825

Previews

White Background

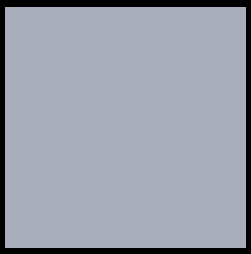


This preview shows how the Yxy color 41.5279, 0.2980, 0.3087 looks on a white background.

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



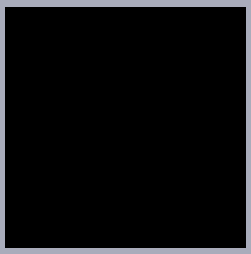
This preview shows how the Yxy color 41.5279, 0.2980, 0.3087 looks on a black background.

Color Contrast Check

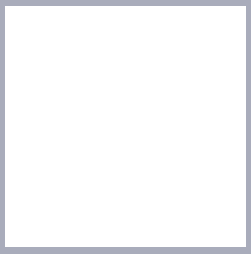
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 41.5279, 0.2980, 0.3087 Background



This preview shows how black text looks on a background with the Yxy color 41.5279, 0.2980, 0.3087.

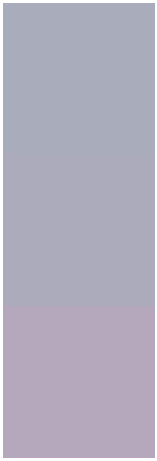


This preview shows how white text looks on a background with the Yxy color 41.5279, 0.2980, 0.3087.

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



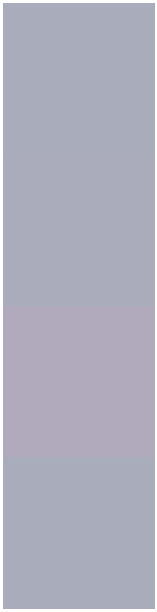
Original Color
41.5279, 0.2980, 0.3087

Protanopia
41.3716, 0.2997, 0.3074

Deuteranopia
41.5812, 0.3086, 0.3028

Tritanopia
41.4852, 0.2987, 0.3100

Trichromacy



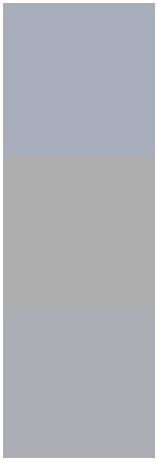
Original Color
41.5279, 0.2980, 0.3087

Protanomaly
41.2597, 0.2988, 0.3074

Deuteranomaly
41.3539, 0.3041, 0.3038

Tritanomaly
41.4852, 0.2987, 0.3100

Monochromacy



Original Color
41.5279, 0.2980, 0.3087

Achromatopsia
41.7885, 0.3127, 0.3290

Achromatomaly
41.8721, 0.3077, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5279, 0.2980, 0.3087 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(169, 172, 187) looks like.

```
.text, #text, p{
    color:rgb(169, 172, 187)
}
```

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(169, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 172, 187) }
```

Border

The CSS property to change the border of an element to Yxy 41.5279, 0.2980, 0.3087 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(169, 172, 187) }
```

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

```
.border{ border-color:rgb(169, 172, 187) }
```

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

Here you see how a box with a 4 pixel rgb(169, 172, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 172, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 172, 187); box-shadow:4px 4px 4px 4px rgb(169, 172, 187) }
```

Background

The CSS property to change the background color of an element to Yxy 41.5279, 0.2980, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(169, 172, 187) }
```

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

```
.background{ background-color:rgb(169,
172, 187) }
```

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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