

Converting Colors

$Yxy(43.5737, 0.2842, 0.3047)$

Have a look what the booklet for
Yxy(43.5737, 0.2842, 0.3047)
contains.

Yxy(43.4034, 0.2849, 0.3047)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.4034, 0.2849, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	A1B2C4
RGB	161, 178, 196
RGB Percent	63%, 70%, 77%
CMY	0.3686, 0.3020, 0.2314
CMYK	0.18, 0.09, 0.00, 0.23
HSL	211°, 23%, 70%
HSV	211°, 18%, 77%
XYZ	40.5830, 43.4034, 58.4600
YIQ	174.9690, -15.9100, 1.9940

Conversions

Conversions Part 2

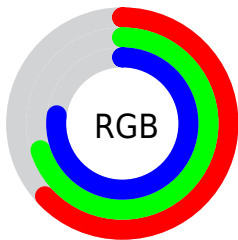
Format	Color
RYB	161, 172, 196
Decimal	10597060
CIELab	71.83, -2.06, -11.13
CIELCh	72, 11.316, 259.497
Yxy	43.4034, 0.2849, 0.3047
Android (android.graphics.Color)	4288787140 (0xFFA1B2C4)
YUV	174.9690, 10.3683, -12.2508
Hunter-Lab	65.8813, -5.3359, -6.4943

Details

The Yxy color **43.4034, 0.2849, 0.3047** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.5506, 0.3428, 0.3522**, and the grayscale version is **42.8060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5364, 0.2897, 0.3092**, and **19.8714, 0.2771, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **37.6605, 0.2686, 0.2890**, and if you desaturate by 10%, it is **49.7638, 0.3007, 0.3189**.

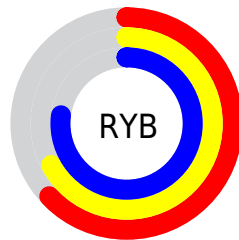
Distribution



Red (63%)

Green (70%)

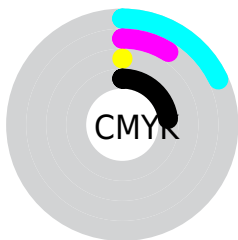
Blue (77%)



Red (63%)

Yellow (67%)

Blue (77%)

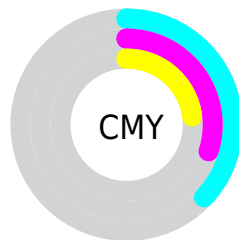


Cyan (18%)

Magenta (9%)

Yellow (0%)

Black (23%)



Cyan (37%)

Magenta (30%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4034, 0.2849, 0.3047 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 43.4034, 0.2849, 0.3047 by changing the saturation by 10% instead.

■ 43.4034, 0.2849,
0.3047

■ 43.4034, 0.2849,
0.3047

■ 360.2681, 0.2989,
0.3170

■ 30.2018, 0.2814,
0.3016

■ 80.3193, 0.2900,
0.3092

■ 19.9918, 0.2769,
0.2976

■ 104.8023, 0.2919,
0.3109

■ 12.3891, 0.2709,
0.2922

■ 133.8145, 0.2935,
0.3123

■ 7.0092, 0.2624,
0.2846

■ 167.7404, 0.2949,
0.3135

■ 3.4679, 0.2499,
0.2731

■ 206.9643, 0.2961,
0.3146

■ 1.3806, 0.2291,
0.2539

■ 251.8706, 0.2971,

■ 0.2024, 0.1057,

0.3155

0.1507

302.8438, 0.2981,
0.3163

0.0000, 0.0000,
0.0000

43.4034, 0.2849,
0.3047

43.4034, 0.2849,
0.3047

37.6605, 0.2686,
0.2890

49.7638, 0.3007,
0.3189

32.5088, 0.2522,
0.2719

56.7564, 0.3159,
0.3316

27.9274, 0.2361,
0.2535

64.4019, 0.3303,
0.3429

23.8921, 0.2208,
0.2341

72.7184, 0.3438,
0.3528

20.3767, 0.2068,
0.2141

80.9549, 0.3534,
0.3619

■ 17.3519, 0.1946,
0.1941

■ 86.6772, 0.3512,
0.3716

■ 14.7844, 0.1847,
0.1746

■ 92.7283, 0.3491,
0.3811

■ 12.6283, 0.1772,
0.1562

■ 96.7653, 0.3478,
0.3870

■ 12.2042, 0.1757,
0.1523

Harmonies

Analogous

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



43.4034, 0.2817, 0.3143



43.4034, 0.2849, 0.3047



43.4034, 0.2954, 0.3017

Triad

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



43.4034, 0.2849, 0.3047



43.4034, 0.3396, 0.3287



43.4034, 0.3140, 0.3540

Complementary

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



43.4034, 0.2849, 0.3047



46.5506, 0.3428, 0.3522

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.



43.4034, 0.3298, 0.3575



43.4034, 0.2849, 0.3047



43.4034, 0.3448, 0.3424

Square

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



43.4034, 0.2849, 0.3047



43.4034, 0.3270, 0.3154



43.4034, 0.3411, 0.3531



43.4034, 0.2982, 0.3432

Rectangle

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



43.4034, 0.2849, 0.3047



43.4034, 0.3053, 0.3036



43.4034, 0.3411, 0.3531



43.4034, 0.3195, 0.3561

Sweetspot

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



43.4052, 0.2849, 0.3047



93.5487, 0.3050, 0.3226



50.2907, 0.2981, 0.3525



19.8344, 0.3039, 0.3216



0.0000, 0.0000, 0.0000



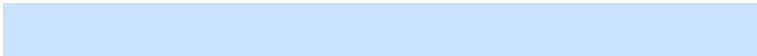
21.4041, 0.3127, 0.3290

Same Dimension

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



43.4052, 0.2849, 0.3047



74.8891, 0.2793, 0.2994



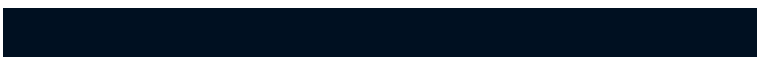
37.0570, 0.2837, 0.2810



10.5374, 0.2984, 0.3169



8.0131, 0.1763, 0.1548



0.4842, 0.1879, 0.1963

Inverse Universe

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



40.4431, 0.3308, 0.3073



68.8148, 0.3351, 0.3028



53.7866, 0.3393, 0.3729



10.1576, 0.3215, 0.3179



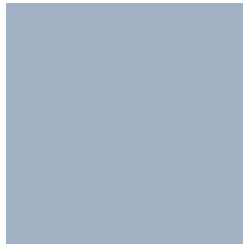
8.0912, 0.4997, 0.2526



0.3635, 0.4495, 0.2250

Previews

White Background



This preview shows how the Yxy color 43.4034, 0.2849, 0.3047 looks on a white background.

Color Contrast Check

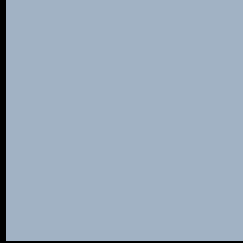
Large Text (above 18pt) WCAG AA × Fail

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 43.4034, 0.2849, 0.3047 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

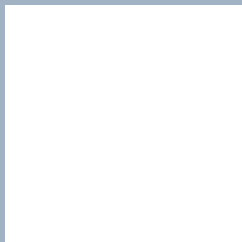
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4034, 0.2849, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 43.4034, 0.2849, 0.3047.



This preview shows how white text looks on a background with the Yxy color 43.4034, 0.2849, 0.3047.

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

43.4034, 0.2849, 0.3047

Protanopia

43.5537, 0.2968, 0.3040

Deuteranopia

43.2243, 0.3020, 0.2956



Tritanopia

43.5640, 0.2863, 0.3100

Trichromacy



Original Color

43.4034, 0.2849, 0.3047

Protanomaly

43.4258, 0.2919, 0.3037

Deuteranomaly

43.4173, 0.2953, 0.2989

Tritanomaly

43.6088, 0.2856, 0.3086

Monochromacy



Original Color

43.4034, 0.2849, 0.3047

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.0156, 0.3019, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4034, 0.2849, 0.3047 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, 178, 196)` looks like.

```
.text, #text, p{  
    color:rgb(161, 178, 196)  
}
```

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, 178, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 178, 196) }
```

Border

The CSS property to change the border of an element to Yxy 43.4034, 0.2849, 0.3047 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, 178, 196) }
```

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

```
.border{ border-color:rgb(161, 178, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 178, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 178, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 178, 196);  
box-shadow:4px 4px 4px 4px rgb(161, 178,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4034, 0.2849, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 178, 196) }
```

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

```
.background{ background-color: rgb(161,  
178, 196) }
```

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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