

Converting Colors

$Yxy(47.4706, 0.2933, 0.3062)$

Have a look what the booklet for
Yxy(47.4706, 0.2933, 0.3062)
contains.

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Color

Yxy(47.3141, 0.2934, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	B0B7C9
RGB	176, 183, 201
RGB Percent	69%, 72%, 79%
CMY	0.3097, 0.2823, 0.2119
CMYK	0.12, 0.09, 0.00, 0.21
HSL	223°, 19%, 74%
HSV	223°, 12%, 79%
XYZ	45.3807, 47.3141, 61.9770
YIQ	182.9590, -9.9500, 4.1140

Conversions

Conversions Part 2

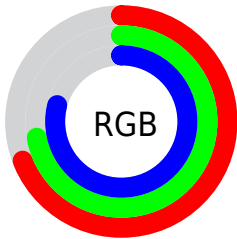
Format	Color
R_YB	176, 181, 201
Decimal	11581385
CIE Lab	74.39, 1.18, -9.90
CIE LCh	74, 9.975, 276.798
Yxy	47.3141, 0.2934, 0.3059
Android (android.graphics.Color)	4289771465 (0xFFB0B7C9)
YUV	182.9590, 8.8942, -6.1030
Hunter-Lab	68.7852, -2.6097, -5.2719

Details

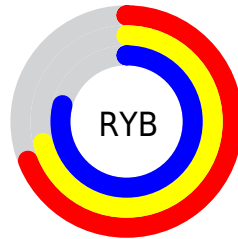
The Yxy color `47.3141, 0.2934, 0.3059` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `54.1254, 0.3321, 0.3511`, and the grayscale version is `47.2865, 0.3127, 0.3290`.

A 20% lighter version of the original color is `86.1088, 0.2987, 0.3129`, and `22.2828, 0.2876, 0.2992` is the 20% darker color. If you saturate the color by 10%, you get `39.4771, 0.2765, 0.2847`, and if you desaturate by 10%, it is `56.1158, 0.3091, 0.3248`.

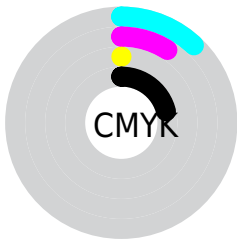
Distribution



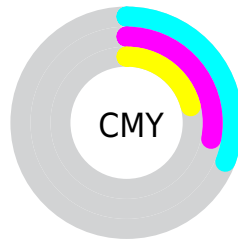
- Red (69%)
- Green (72%)
- Blue (79%)



- Red (69%)
- Yellow (71%)
- Blue (79%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (31%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3141, 0.2934, 0.3059 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 47.3141, 0.2934, 0.3059 by changing the saturation by 10% instead.

■ 47.3141, 0.2934,
0.3059

■ 47.3141, 0.2934,
0.3059

376.0669, 0.3030,
0.3174

■ 33.2840, 0.2910,
0.3031

■ 86.1823, 0.2969,
0.3100

■ 22.3441, 0.2880,
0.2995

111.7892, 0.2982,
0.3116

■ 14.1100, 0.2839,
0.2947

142.0238, 0.2993,
0.3129

■ 8.1972, 0.2783,
0.2881

177.2706, 0.3003,
0.3141

■ 4.2214, 0.2700,
0.2784

217.9139, 0.3011,
0.3150

■ 1.7982, 0.2565,
0.2627

264.3381, 0.3018,

■ 0.4860, 0.2209,

0.3159

0.2187

316.9277, 0.3024,
0.3167

0.0000, 0.0000,
0.0000

47.3141, 0.2934,
0.3059

47.3141, 0.2934,
0.3059

39.4771, 0.2765,
0.2847

56.1158, 0.3091,
0.3248

32.5652, 0.2586,
0.2613

65.9083, 0.3235,
0.3414

26.5448, 0.2402,
0.2359

76.7238, 0.3367,
0.3560

21.3777, 0.2218,
0.2091

88.3234, 0.3475,
0.3689

17.0231, 0.2042,
0.1817

96.9954, 0.3448,
0.3821

■ 13.4360, 0.1883,
0.1549

■ 10.5670, 0.1751,
0.1299

■ 8.3594, 0.1651,
0.1081

■ 7.0667, 0.1595,
0.0942

Harmonies

Analogous

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



47.3141, 0.2868, 0.3111



47.3141, 0.2934, 0.3059



47.3141, 0.3052, 0.3068

Triad

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



47.3141, 0.2934, 0.3059



47.3141, 0.3391, 0.3357



47.3141, 0.3058, 0.3456

Complementary

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



47.3141, 0.2934, 0.3059



54.1254, 0.3321, 0.3511

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.



47.3141, 0.3198, 0.3525



47.3141, 0.2934, 0.3059



47.3141, 0.3393, 0.3463

Square

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



47.3141, 0.2934, 0.3059



47.3141, 0.3318, 0.3237



47.3141, 0.3321, 0.3526



47.3141, 0.2939, 0.3340

Rectangle

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



47.3141, 0.2934, 0.3059



47.3141, 0.3145, 0.3105



47.3141, 0.3321, 0.3526



47.3141, 0.3105, 0.3486

Sweetspot

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



47.3161, 0.2934, 0.3059



93.5189, 0.3066, 0.3218



54.8804, 0.2987, 0.3379



19.7627, 0.3055, 0.3204



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.



47.3161, 0.2934, 0.3059



77.1200, 0.2888, 0.3002



45.1504, 0.2976, 0.2972



10.7627, 0.2983, 0.3119



4.5797, 0.1602, 0.0966



0.3424, 0.1721, 0.1395

Inverse Universe

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



46.8912, 0.3290, 0.3204



76.3280, 0.3333, 0.3183



56.5696, 0.3267, 0.3598



10.6849, 0.3246, 0.3226



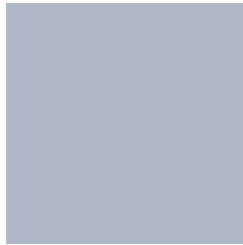
8.0023, 0.5810, 0.2974



0.3916, 0.5197, 0.2637

Previews

White Background



This preview shows how the Yxy color 47.3141, 0.2934, 0.3059 looks on a white background.

Color Contrast Check

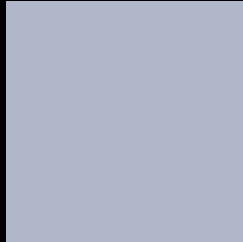
Large Text (above 18pt) WCAG AA × Fail

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 47.3141, 0.2934, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

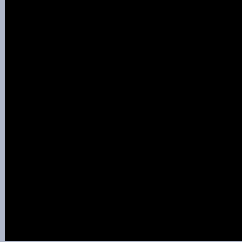
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

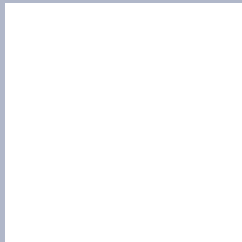
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3141, 0.2934, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 47.3141, 0.2934, 0.3059.



This preview shows how white text looks on a background with the Yxy color 47.3141, 0.2934, 0.3059.

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

47.3141, 0.2934, 0.3059

Protanopia

47.4498, 0.2981, 0.3061

Deuteranopia

47.3115, 0.3056, 0.2993



Tritanopia

47.1743, 0.2955, 0.3096

Trichromacy



Original Color

47.3141, 0.2934, 0.3059

Protanomaly

47.2097, 0.2965, 0.3060

Deuteranomaly

47.3459, 0.3006, 0.3014

Tritanomaly

47.2206, 0.2948, 0.3084

Monochromacy



Original Color

47.3141, 0.2934, 0.3059

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.2880, 0.3048, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3141, 0.2934, 0.3059 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(176, 183, 201)` looks like.

```
.text, #text, p{  
    color:rgb(176, 183, 201)  
}
```

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(176, 183, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 183, 201) }
```

Border

The CSS property to change the border of an element to Yxy 47.3141, 0.2934, 0.3059 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(176, 183, 201) }
```

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

```
.border{ border-color:rgb(176, 183, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 183, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 183, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 183, 201);  
box-shadow:4px 4px 4px 4px rgb(176, 183,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3141, 0.2934, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 183, 201) }
```

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

```
.background{ background-color: rgb(176,  
183, 201) }
```

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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