

Converting Colors

$Yxy(47.0731, 0.2992, 0.3147)$

Have a look what the booklet for
Yxy(47.0731, 0.2992, 0.3147)
contains.

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Color

Yxy(47.1091, 0.2993, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	B1B7C2
RGB	177, 183, 194
RGB Percent	69%, 72%, 76%
CMY	0.3059, 0.2823, 0.2391
CMYK	0.09, 0.06, 0.00, 0.24
HSL	219°, 12%, 73%
HSV	219°, 9%, 76%
XYZ	44.8038, 47.1091, 57.7824
YIQ	182.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

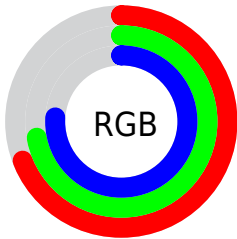
Format	Color
RYB	177, 181, 194
Decimal	11646914
CIELab	74.26, 0.08, -6.30
CIElCh	74, 6.304, 270.737
Yxy	47.1091, 0.2993, 0.3147
Android (android.graphics.Color)	4289836994 (0xFFB1B7C2)
YUV	182.4600, 5.6892, -4.7884
Hunter-Lab	68.6361, -3.5931, -1.8690

Details

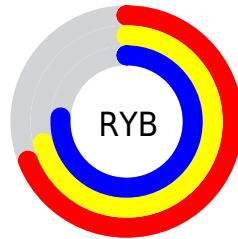
The Yxy color $47.1091, 0.2993, 0.3147$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.6200, 0.3263, 0.3429$, and the grayscale version is $47.0156, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.9588, 0.3022, 0.3179$, and $22.1438, 0.2956, 0.3112$ is the 20% darker color. If you saturate the color by 10%, you get $40.0406, 0.2831, 0.2965$, and if you desaturate by 10%, it is $54.9678, 0.3145, 0.3309$.

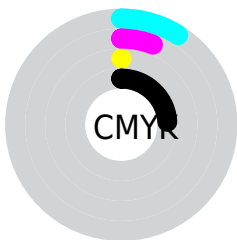
Distribution



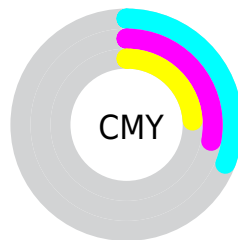
- Red (69%)
- Green (72%)
- Blue (76%)



- Red (69%)
- Yellow (71%)
- Blue (76%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.1091, 0.2993, 0.3147 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 47.1091, 0.2993, 0.3147 by changing the saturation by 10% instead.

■ 47.1091, 0.2993,
0.3147

■ 47.1091, 0.2993,
0.3147

375.2498, 0.3060,
0.3218

■ 33.1219, 0.2976,
0.3129

■ 85.8765, 0.3017,
0.3173

■ 22.2199, 0.2955,
0.3107

111.4254, 0.3026,
0.3183

■ 14.0185, 0.2927,
0.3076

141.5971, 0.3034,
0.3191

■ 8.1336, 0.2887,
0.3034

176.7758, 0.3041,
0.3198

■ 4.1805, 0.2829,
0.2972

217.3461, 0.3046,
0.3204

■ 1.7751, 0.2732,
0.2869

263.6923, 0.3051,

■ 0.4716, 0.2400,

0.3209

0.2514

316.1987, 0.3056,
0.3214

0.0000, 0.0000,
0.0000

47.1091, 0.2993,
0.3147

47.1091, 0.2993,
0.3147

40.0406, 0.2831,
0.2965

54.9678, 0.3145,
0.3309

33.7307, 0.2660,
0.2764

63.6350, 0.3286,
0.3452

28.1544, 0.2484,
0.2544

73.1361, 0.3416,
0.3577

23.2826, 0.2308,
0.2308

83.4933, 0.3534,
0.3687

19.0847, 0.2138,
0.2062

90.9428, 0.3509,
0.3805

■ 15.5270, 0.1981,
0.1813

■ 96.6760, 0.3490,
0.3890

■ 12.5726, 0.1844,
0.1571

■ 10.1798, 0.1735,
0.1346

■ 8.2889, 0.1655,
0.1147

Harmonies

Analogous

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



47.1091, 0.2959, 0.3188



47.1091, 0.2993, 0.3147



47.1091, 0.3063, 0.3144

Triad

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



47.1091, 0.2993, 0.3147



47.1091, 0.3288, 0.3319



47.1091, 0.3102, 0.3406

Complementary

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



47.1091, 0.2993, 0.3147



50.6200, 0.3263, 0.3429

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.



47.1091, 0.3190, 0.3441



47.1091, 0.2993, 0.3147



47.1091, 0.3298, 0.3389

Square

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



47.1091, 0.2993, 0.3147



47.1091, 0.3234, 0.3242



47.1091, 0.3262, 0.3434



47.1091, 0.3021, 0.3338

Rectangle

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



47.1091, 0.2993, 0.3147



47.1091, 0.3121, 0.3163



47.1091, 0.3262, 0.3434



47.1091, 0.3132, 0.3422

Sweetspot

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



47.1111, 0.2993, 0.3147



93.3043, 0.3082, 0.3242



51.5614, 0.3038, 0.3370



20.1774, 0.3069, 0.3229



0.0000, 0.0000, 0.0000



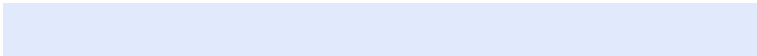
21.4041, 0.3127, 0.3290

Same Dimension

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



47.1111, 0.2993, 0.3147



82.1300, 0.2955, 0.3105



44.9553, 0.3012, 0.3069



10.3163, 0.2984, 0.3137



5.4543, 0.1652, 0.1148



0.3662, 0.1782, 0.1613

Inverse Universe

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



46.3348, 0.3227, 0.3214



80.4253, 0.3258, 0.3193



52.9414, 0.3237, 0.3504



10.1353, 0.3235, 0.3209



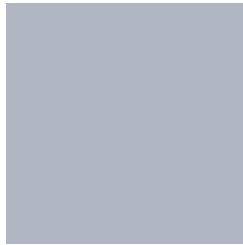
7.8328, 0.5540, 0.2826



0.3516, 0.4914, 0.2481

Previews

White Background



This preview shows how the Yxy color 47.1091, 0.2993, 0.3147 looks on a white background.

Color Contrast Check

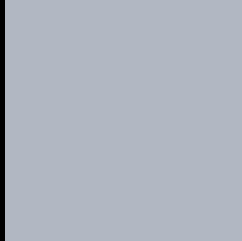
Large Text (above 18pt) WCAG AA × Fail

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 47.1091, 0.2993, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

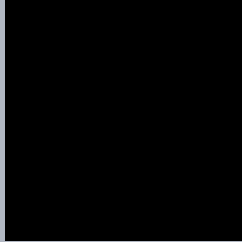
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

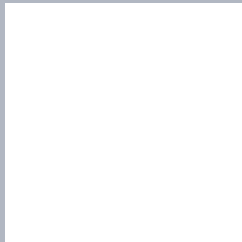
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1091, 0.2993, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 47.1091, 0.2993, 0.3147.

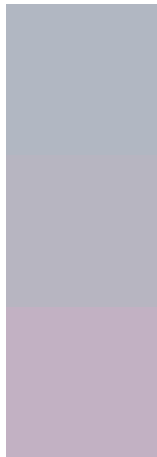


This preview shows how white text looks on a background with the Yxy color 47.1091, 0.2993, 0.3147.

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

47.1091, 0.2993, 0.3147

Protanopia

46.9653, 0.3050, 0.3136

Deuteranopia

46.8537, 0.3129, 0.3066



Tritanopia

47.2453, 0.2971, 0.3109

Trichromacy



Original Color

47.1091, 0.2993, 0.3147

Protanomaly

47.1299, 0.3033, 0.3148

Deuteranomaly

46.8717, 0.3077, 0.3088

Tritanomaly

47.1996, 0.2978, 0.3122

Monochromacy



Original Color

47.1091, 0.2993, 0.3147

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.7044, 0.3079, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1091, 0.2993, 0.3147 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(177, 183, 194)` looks like.

```
.text, #text, p{  
    color:rgb(177, 183, 194)  
}
```

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(177, 183, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 183, 194) }
```

Border

The CSS property to change the border of an element to Yxy 47.1091, 0.2993, 0.3147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

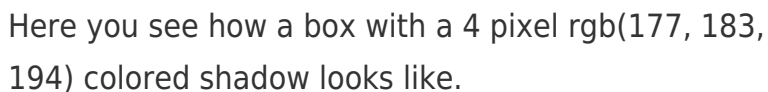
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 183, 194) }
```

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

```
.border{ border-color:rgb(177, 183, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 183, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 183, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 183, 194);  
box-shadow:4px 4px 4px 4px rgb(177, 183,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1091, 0.2993, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 183, 194) }
```

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

```
.background{ background-color: rgb(177,  
183, 194) }
```

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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