

Converting Colors

$Yxy(47.5715, 0.2935, 0.3096)$

Have a look what the booklet for
Yxy(47.5715, 0.2935, 0.3096)
contains.

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Color

Yxy(47.5185, 0.2940, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	AFB8C7
RGB	175, 184, 199
RGB Percent	69%, 72%, 78%
CMY	0.3139, 0.2784, 0.2195
CMYK	0.12, 0.08, 0.00, 0.22
HSL	217°, 18%, 73%
HSV	217°, 12%, 78%
XYZ	45.1242, 47.5185, 60.8409
YIQ	183.0190, -10.1790, 2.7570

Conversions

Conversions Part 2

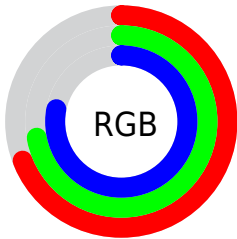
Format	Color
RYB	175, 182, 199
Decimal	11516103
CIELab	74.52, -0.12, -8.66
CIELCh	75, 8.662, 269.224
Yxy	47.5185, 0.2940, 0.3096
Android (android.graphics.Color)	4289706183 (0xFFAFB8C7)
YUV	183.0190, 7.8786, -7.0327
Hunter-Lab	68.9337, -3.7873, -4.0758

Details

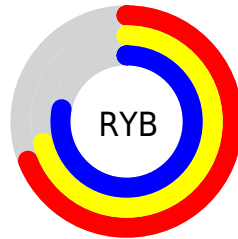
The Yxy color $47.5185, 0.2940, 0.3096$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.0552, 0.3320, 0.3477$, and the grayscale version is $47.3237, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.5291, 0.2981, 0.3139$, and $22.4145, 0.2885, 0.3043$ is the 20% darker color. If you saturate the color by 10%, you get $40.4505, 0.2775, 0.2914$, and if you desaturate by 10%, it is $55.3827, 0.3096, 0.3258$.

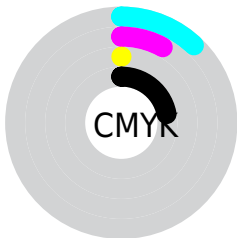
Distribution



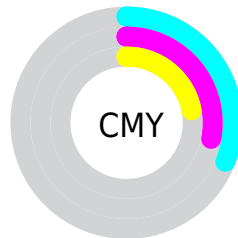
- Red (69%)
- Green (72%)
- Blue (78%)



- Red (69%)
- Yellow (71%)
- Blue (78%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.5185, 0.2940, 0.3096 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 47.5185, 0.2940, 0.3096 by changing the saturation by 10% instead.

■ 47.5185, 0.2940,
0.3096

■ 47.5185, 0.2940,
0.3096

376.8804, 0.3033,
0.3193

■ 33.4457, 0.2917,
0.3072

■ 86.4871, 0.2974,
0.3131

■ 22.4681, 0.2887,
0.3041

112.1517, 0.2986,
0.3144

■ 14.2013, 0.2848,
0.3001

142.4490, 0.2997,
0.3155

■ 8.2608, 0.2794,
0.2945

177.7634, 0.3006,
0.3165

■ 4.2623, 0.2714,
0.2862

218.4794, 0.3014,
0.3173

■ 1.8213, 0.2584,
0.2726

264.9813, 0.3021,

■ 0.5004, 0.2213,

0.3180

0.2343

317.6535, 0.3028,
0.3187

0.0000, 0.0000,
0.0000

47.5185, 0.2940,
0.3096

47.5185, 0.2940,
0.3096

40.4505, 0.2775,
0.2914

55.3827, 0.3096,
0.3258

34.1464, 0.2604,
0.2714

64.0622, 0.3241,
0.3402

28.5802, 0.2429,
0.2496

73.5829, 0.3376,
0.3529

23.7221, 0.2257,
0.2265

83.9675, 0.3499,
0.3640

19.5400, 0.2093,
0.2025

91.3555, 0.3477,
0.3758

■ 15.9990, 0.1945,
0.1784

■ 96.9047, 0.3460,
0.3840

■ 13.0601, 0.1820,
0.1552

■ 10.6788, 0.1722,
0.1338

■ 9.1372, 0.1663,
0.1185

Harmonies

Analogous

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



47.5185, 0.2897, 0.3154



47.5185, 0.2940, 0.3096



47.5185, 0.3033, 0.3090

Triad

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



47.5185, 0.2940, 0.3096



47.5185, 0.3345, 0.3323



47.5185, 0.3098, 0.3453

Complementary

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



47.5185, 0.2940, 0.3096



52.0552, 0.3320, 0.3477

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.



47.5185, 0.3219, 0.3499



47.5185, 0.2940, 0.3096



47.5185, 0.3363, 0.3420

Square

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



47.5185, 0.2940, 0.3096



47.5185, 0.3268, 0.3219



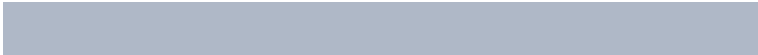
47.5185, 0.3316, 0.3486



47.5185, 0.2987, 0.3361

Rectangle

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



47.5185, 0.2940, 0.3096



47.5185, 0.3112, 0.3114



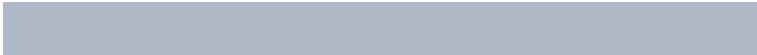
47.5185, 0.3316, 0.3486



47.5185, 0.3139, 0.3475

Sweetspot

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



47.5205, 0.2940, 0.3096



94.1233, 0.3066, 0.3228



53.6769, 0.3007, 0.3408



19.9153, 0.3054, 0.3216



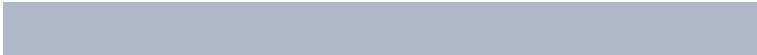
0.0000, 0.0000, 0.0000



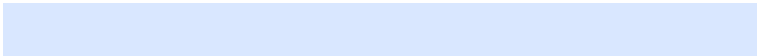
21.4041, 0.3127, 0.3290

Same Dimension

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



47.5205, 0.2940, 0.3096



79.1615, 0.2889, 0.3041



44.2078, 0.2961, 0.2979



10.9303, 0.2983, 0.3142



6.0298, 0.1670, 0.1210



0.4244, 0.1789, 0.1638

Inverse Universe

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



46.2521, 0.3266, 0.3177



76.5341, 0.3307, 0.3147



55.7169, 0.3283, 0.3588



10.7018, 0.3232, 0.3203



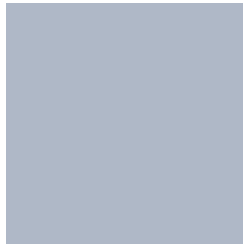
8.1487, 0.5452, 0.2777



0.3999, 0.4883, 0.2463

Previews

White Background



This preview shows how the Yxy color 47.5185, 0.2940, 0.3096 looks on a white background.

Color Contrast Check

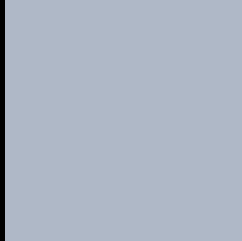
Large Text (above 18pt) WCAG AA × Fail

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 47.5185, 0.2940, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

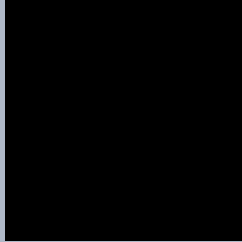
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

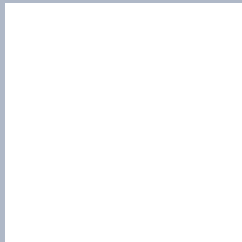
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5185, 0.2940, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 47.5185, 0.2940, 0.3096.

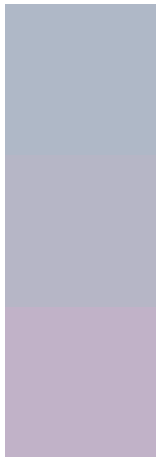


This preview shows how white text looks on a background with the Yxy color 47.5185, 0.2940, 0.3096.

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

47.5185, 0.2940, 0.3096

Protanopia

47.4782, 0.3004, 0.3086

Deuteranopia

47.3484, 0.3080, 0.3017



Tritanopia

47.5185, 0.2940, 0.3096

Trichromacy



Original Color

47.5185, 0.2940, 0.3096

Protanomaly

47.5279, 0.2980, 0.3098

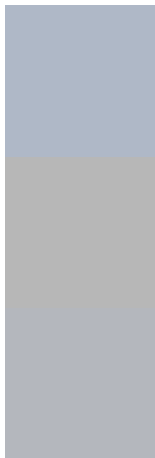
Deuteranomaly

47.2518, 0.3022, 0.3038

Tritanomaly

47.5185, 0.2940, 0.3096

Monochromacy



Original Color

47.5185, 0.2940, 0.3096

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.2444, 0.3056, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5185, 0.2940, 0.3096 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(175, 184, 199)` looks like.

```
.text, #text, p{  
    color:rgb(175, 184, 199)  
}
```

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(175, 184, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 184, 199) }
```

Border

The CSS property to change the border of an element to Yxy 47.5185, 0.2940, 0.3096 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(175, 184, 199) }
```

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

```
.border{ border-color:rgb(175, 184, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 184, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 184, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 184, 199);  
box-shadow:4px 4px 4px 4px rgb(175, 184,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5185, 0.2940, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 184, 199) }
```

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

```
.background{ background-color: rgb(175,  
184, 199) }
```

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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