

Converting Colors

$Yxy(47.7853, 0.2976, 0.3124)$

Have a look what the booklet for
Yxy(47.7853, 0.2976, 0.3124)
contains.

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Color

Yxy(47.7772, 0.2979, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	B2B8C5
RGB	178, 184, 197
RGB Percent	70%, 72%, 77%
CMY	0.3020, 0.2784, 0.2275
CMYK	0.10, 0.07, 0.00, 0.23
HSL	221°, 14%, 74%
HSV	221°, 10%, 77%
XYZ	45.5742, 47.7772, 59.6335
YIQ	183.6880, -7.7490, 2.7710

Conversions

Conversions Part 2

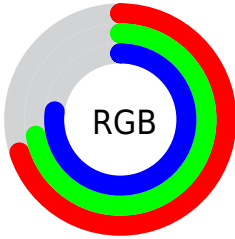
Format	Color
RYB	178, 183, 197
Decimal	11712709
CIELab	74.68, 0.47, -7.28
CIELCh	75, 7.297, 273.680
Yxy	47.7772, 0.2979, 0.3123
Android (android.graphics.Color)	4289902789 (0xFFB2B8C5)
YUV	183.6880, 6.5628, -4.9884
Hunter-Lab	69.1211, -3.2698, -2.7671

Details

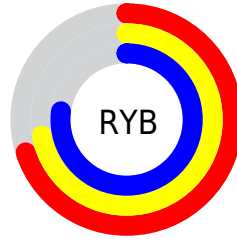
The Yxy color $47.7772, 0.2979, 0.3123$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.3255, 0.3277, 0.3452$, and the grayscale version is $47.7174, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.9684, 0.3005, 0.3150$, and $22.5757, 0.2937, 0.3079$ is the 20% darker color. If you saturate the color by 10%, you get $40.2887, 0.2814, 0.2929$, and if you desaturate by 10%, it is $56.1357, 0.3132, 0.3296$.

Distribution



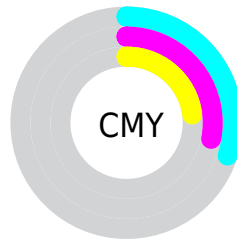
- Red (70%)
- Green (72%)
- Blue (77%)



- Red (70%)
- Yellow (72%)
- Blue (77%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (30%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.7772, 0.2979, 0.3123 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 47.7772, 0.2979, 0.3123 by changing the saturation by 10% instead.

■ 47.7772, 0.2979,
0.3123

■ 47.7772, 0.2979,
0.3123

377.9083, 0.3053,
0.3206

■ 33.6505, 0.2961,
0.3102

■ 86.8726, 0.3006,
0.3153

■ 22.6252, 0.2937,
0.3076

112.6100, 0.3016,
0.3164

■ 14.3170, 0.2906,
0.3041

142.9865, 0.3024,
0.3174

■ 8.3415, 0.2863,
0.2993

178.3865, 0.3032,
0.3182

■ 4.3142, 0.2799,
0.2922

219.1942, 0.3038,
0.3189

■ 1.8508, 0.2695,
0.2806

265.7942, 0.3043,

■ 0.5186, 0.2401,

0.3196

0.2468

318.5707, 0.3048,
0.3201

0.0000, 0.0000,
0.0000

47.7772, 0.2979,
0.3123

47.7772, 0.2979,
0.3123

40.2887, 0.2814,
0.2929

56.1357, 0.3132,
0.3296

33.6352, 0.2641,
0.2714

65.3856, 0.3274,
0.3448

27.7881, 0.2461,
0.2479

75.5553, 0.3403,
0.3582

22.7148, 0.2281,
0.2228

86.3309, 0.3507,
0.3700

18.3803, 0.2107,
0.1968

94.4498, 0.3479,
0.3826

■ 14.7466, 0.1947,
0.1708

■ 96.8105, 0.3472,
0.3860

■ 11.7718, 0.1809,
0.1459

■ 9.4085, 0.1701,
0.1232

■ 7.5852, 0.1622,
0.1038

Harmonies

Analogous

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



47.7772, 0.2935, 0.3166



47.7772, 0.2979, 0.3123



47.7772, 0.3062, 0.3124

Triad

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



47.7772, 0.2979, 0.3123



47.7772, 0.3316, 0.3331



47.7772, 0.3088, 0.3417

Complementary

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



47.7772, 0.2979, 0.3123



52.3255, 0.3277, 0.3452

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.



47.7772, 0.3190, 0.3462



47.7772, 0.2979, 0.3123



47.7772, 0.3323, 0.3411

Square

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



47.7772, 0.2979, 0.3123



47.7772, 0.3258, 0.3243



47.7772, 0.3276, 0.3459



47.7772, 0.2997, 0.3337

Rectangle

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



47.7772, 0.2979, 0.3123



47.7772, 0.3130, 0.3149



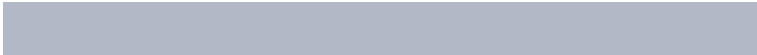
47.7772, 0.3276, 0.3459



47.7772, 0.3122, 0.3437

Sweetspot

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



47.7792, 0.2979, 0.3123



95.2902, 0.3082, 0.3239



53.1351, 0.3025, 0.3370



20.1319, 0.3069, 0.3226



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.



47.7792, 0.2979, 0.3123



82.0371, 0.2938, 0.3076



45.7071, 0.3005, 0.3046



10.8274, 0.2983, 0.3128



5.0865, 0.1626, 0.1054



0.3724, 0.1747, 0.1487

Inverse Universe

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



47.1640, 0.3244, 0.3215



80.7332, 0.3279, 0.3194



54.5848, 0.3243, 0.3526



10.6915, 0.3241, 0.3217



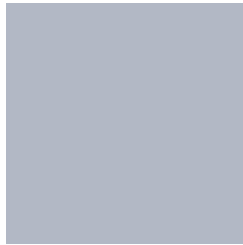
8.0535, 0.5678, 0.2901



0.3946, 0.5076, 0.2570

Previews

White Background



This preview shows how the Yxy color 47.7772, 0.2979, 0.3123 looks on a white background.

Color Contrast Check

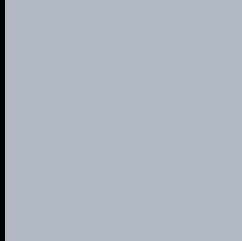
Large Text (above 18pt) WCAG AA × Fail

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 47.7772, 0.2979, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

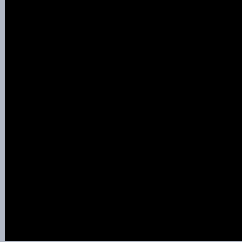
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

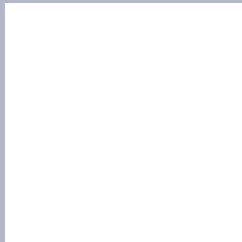
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.7772, 0.2979, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 47.7772, 0.2979, 0.3123.

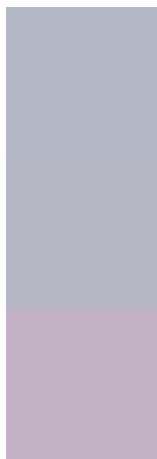


This preview shows how white text looks on a background with the Yxy color 47.7772, 0.2979, 0.3123.

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

47.7772, 0.2979, 0.3123

Protanopia

47.5087, 0.3027, 0.3111

Deuteranopia

47.5201, 0.3113, 0.3043



Tritanopia

47.8232, 0.2972, 0.3110

Trichromacy



Original Color

47.7772, 0.2979, 0.3123

Protanomaly

47.6763, 0.3011, 0.3124

Deuteranomaly

47.5386, 0.3062, 0.3064

Tritanomaly

47.8232, 0.2972, 0.3110

Monochromacy



Original Color

47.7772, 0.2979, 0.3123

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.9002, 0.3072, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7772, 0.2979, 0.3123 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(178, 184, 197)` looks like.

```
.text, #text, p{  
    color:rgb(178, 184, 197)  
}
```

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(178, 184, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 184, 197) }
```

Border

The CSS property to change the border of an element to Yxy 47.7772, 0.2979, 0.3123 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(178, 184, 197) }
```

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

```
.border{ border-color:rgb(178, 184, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 184, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 184, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 184, 197);  
box-shadow:4px 4px 4px 4px rgb(178, 184,  
197) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 47.7772, 0.2979, 0.3123$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 184, 197) }
```

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

```
.background{ background-color: rgb(178,  
184, 197) }
```

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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