

Converting Colors

$Yxy(48.5919, 0.2599, 0.2816)$

Have a look what the booklet for
Yxy(48.5919, 0.2599, 0.2816)
contains.

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Color

Yxy(48.5616, 0.2603, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	98BDE2
RGB	152, 189, 226
RGB Percent	60%, 74%, 89%
CMY	0.4039, 0.2588, 0.1138
CMYK	0.33, 0.16, 0.00, 0.11
HSL	210°, 56%, 74%
HSV	210°, 33%, 89%
XYZ	44.8725, 48.5616, 78.9535
YIQ	182.1550, -33.9290, 3.6630

Conversions

Conversions Part 2

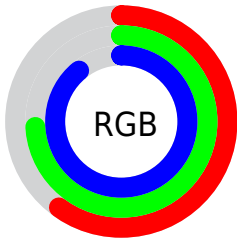
Format	Color
RYB	152, 177, 226
Decimal	10010082
CIELab	75.18, -3.68, -22.48
CIELCh	75, 22.776, 260.707
Yxy	48.5616, 0.2603, 0.2817
Android (android.graphics.Color)	4288200162 (0xFF98BDE2)
YUV	182.1550, 21.6156, -26.4459
Hunter-Lab	69.6862, -7.0105, -18.3945

Details

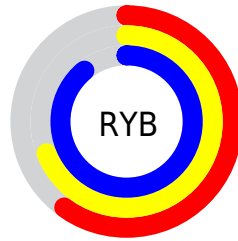
The Yxy color **48.5616, 0.2603, 0.2817** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **54.8239, 0.3746, 0.3719**, and the grayscale version is **46.7625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9347, 0.2843, 0.3185**, and **23.1453, 0.2458, 0.2685** is the 20% darker color. If you saturate the color by 10%, you get **41.9141, 0.2440, 0.2643**, and if you desaturate by 10%, it is **56.0069, 0.2767, 0.2978**.

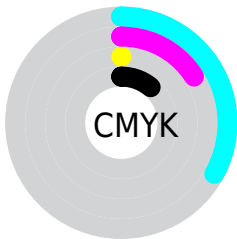
Distribution



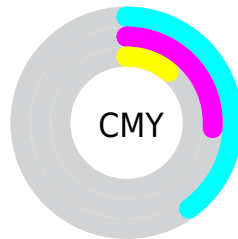
- Red (60%)
- Green (74%)
- Blue (89%)



- Red (60%)
- Yellow (69%)
- Blue (89%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5616, 0.2603, 0.2817 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 48.5616, 0.2603, 0.2817 by changing the saturation by 10% instead.

■ 48.5616, 0.2603,
0.2817

■ 48.5616, 0.2603,
0.2817

■ 381.0139, 0.2859,
0.3050

■ 34.2718, 0.2542,
0.2760

■ 88.0400, 0.2694,
0.2901

■ 23.1025, 0.2464,
0.2688

■ 113.9974, 0.2729,
0.2933

■ 14.6692, 0.2364,
0.2594

■ 144.6128, 0.2758,
0.2960

■ 8.5876, 0.2229,
0.2466

■ 180.2706, 0.2784,
0.2983

■ 4.4732, 0.2039,
0.2284

■ 221.3553, 0.2806,
0.3003

■ 1.9416, 0.1756,
0.2008

■ 268.2511, 0.2826,

■ 0.5732, 0.1190,

0.3021

0.1500

321.3425, 0.2843,
0.3036

0.0000, 0.0000,
0.0000

48.5616, 0.2603,
0.2817

48.5616, 0.2603,
0.2817

41.9141, 0.2440,
0.2643

56.0069, 0.2767,
0.2978

36.0266, 0.2283,
0.2457

64.2744, 0.2929,
0.3125

30.8658, 0.2137,
0.2263

73.3943, 0.3085,
0.3256

26.3935, 0.2007,
0.2067

83.3934, 0.3235,
0.3374

22.5664, 0.1898,
0.1872

92.3518, 0.3309,
0.3481

■ 19.3338, 0.1814,
0.1685

■ 98.2706, 0.3298,
0.3572

■ 17.3064, 0.1766,
0.1556

Harmonies

Analogous

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



48.5616, 0.2538, 0.2987



48.5616, 0.2603, 0.2817



48.5616, 0.2802, 0.2774

Triad

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



48.5616, 0.2603, 0.2817



48.5616, 0.3659, 0.3286



48.5616, 0.3132, 0.3782

Complementary

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



48.5616, 0.2603, 0.2817



54.8239, 0.3746, 0.3719

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.



48.5616, 0.3440, 0.3851



48.5616, 0.2603, 0.2817



48.5616, 0.3754, 0.3545

Square

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



48.5616, 0.2603, 0.2817



48.5616, 0.3413, 0.3039



48.5616, 0.3671, 0.3755



48.5616, 0.2834, 0.3558

Rectangle

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



48.5616, 0.2603, 0.2817



48.5616, 0.2992, 0.2816



48.5616, 0.3671, 0.3755



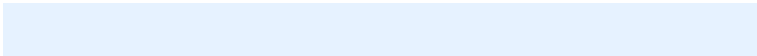
48.5616, 0.3238, 0.3824

Sweetspot

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



48.5635, 0.2603, 0.2817



87.6155, 0.2971, 0.3161



64.6846, 0.2873, 0.3778



18.4006, 0.2949, 0.3142



0.0000, 0.0000, 0.0000



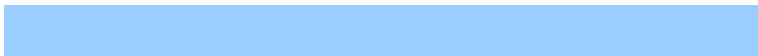
21.4041, 0.3127, 0.3290

Same Dimension

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



48.5635, 0.2603, 0.2817



58.0435, 0.2496, 0.2705



35.0247, 0.2543, 0.2338



14.3703, 0.2981, 0.3170



10.1116, 0.1773, 0.1584



0.8800, 0.1851, 0.1863

Inverse Universe

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



42.2983, 0.3506, 0.2865



49.3079, 0.3612, 0.2778



72.1549, 0.3624, 0.4093



13.8143, 0.3214, 0.3173



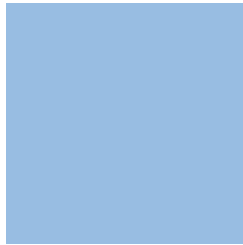
9.9288, 0.4951, 0.2501



0.7063, 0.4611, 0.2314

Previews

White Background



This preview shows how the Yxy color 48.5616, 0.2603, 0.2817 looks on a white background.

Color Contrast Check

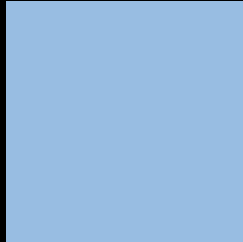
Large Text (above 18pt) WCAG AA × Fail

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 48.5616, 0.2603, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

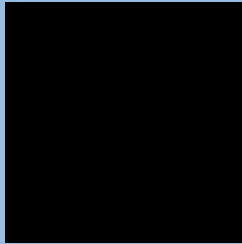
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

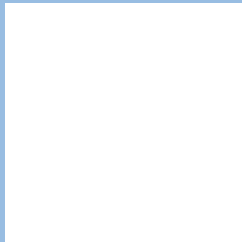
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5616, 0.2603, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 48.5616, 0.2603, 0.2817.



This preview shows how white text looks on a background with the Yxy color 48.5616, 0.2603, 0.2817.

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

48.5616, 0.2603, 0.2817

Protanopia

48.3710, 0.2787, 0.2807

Deuteranopia

48.4729, 0.2782, 0.2720



Tritanopia

48.5492, 0.2690, 0.3077

Trichromacy



Original Color

48.5616, 0.2603, 0.2817

Protanomaly

48.2411, 0.2717, 0.2813

Deuteranomaly

48.3731, 0.2712, 0.2757

Tritanomaly

48.5575, 0.2652, 0.2975

Monochromacy



Original Color

48.5616, 0.2603, 0.2817

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.4331, 0.2917, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5616, 0.2603, 0.2817 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(152, 189, 226)` looks like.

```
.text, #text, p{  
    color:rgb(152, 189, 226)  
}
```

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(152, 189, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 189, 226) }
```

Border

The CSS property to change the border of an element to Yxy 48.5616, 0.2603, 0.2817 is called "border". The border property can be set on classes, ids or directly on the HTML element.

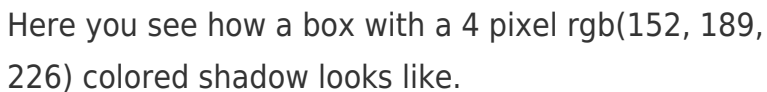
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 189, 226) }
```

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

```
.border{ border-color:rgb(152, 189, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(152, 189, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 189, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 189, 226); box-shadow:4px 4px 4px 4px rgb(152, 189, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5616, 0.2603, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 189, 226) }
```

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

```
.background{ background-color: rgb(152,  
189, 226) }
```

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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