

Converting Colors

$Yxy(44.4892, 0.2659, 0.2647)$

Have a look what the booklet for
Yxy(44.4892, 0.2659, 0.2647)
contains.

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Color

Yxy(44.4892, 0.2659, 0.2647)

Conversions

Conversions Part 1

Format	Color
Hex	A4B0E3
RGB	164, 176, 227
RGB Percent	64%, 69%, 89%
CMY	0.3570, 0.3097, 0.1099
CMYK	0.28, 0.22, 0.00, 0.11
HSL	229°, 53%, 77%
HSV	229°, 28%, 89%
XYZ	44.6909, 44.4892, 78.8940
YIQ	178.2260, -23.5230, 13.3170

Conversions

Conversions Part 2

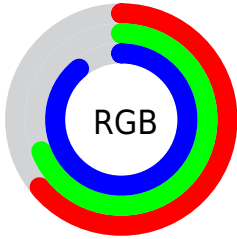
Format	Color
RYB	164, 174, 227
Decimal	10793187
CIELab	72.55, 7.10, -26.96
CIELCh	73, 27.876, 284.765
Yxy	44.4892, 0.2659, 0.2647
Android (android.graphics.Color)	4288983267 (0xFFA4B0E3)
YUV	178.2260, 24.0456, -12.4762
Hunter-Lab	66.7002, 2.8743, -23.4389

Details

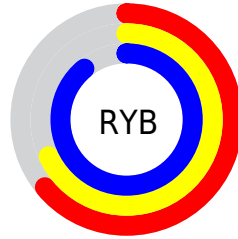
The Yxy color `44.4892, 0.2659, 0.2647` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `67.5669, 0.3579, 0.3860`, and the grayscale version is `44.5232, 0.3127, 0.3290`.

A 20% lighter version of the original color is `79.5875, 0.2910, 0.3041`, and `20.7351, 0.2536, 0.2490` is the 20% darker color. If you saturate the color by 10%, you get `35.5702, 0.2467, 0.2368`, and if you desaturate by 10%, it is `54.8157, 0.2840, 0.2902`.

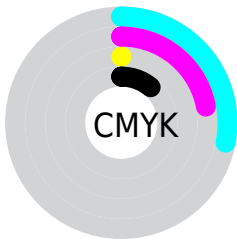
Distribution



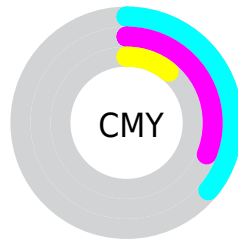
- Red (64%)
- Green (69%)
- Blue (89%)



- Red (64%)
- Yellow (68%)
- Blue (89%)



- Cyan (28%)
- Magenta (22%)
- Yellow (0%)
- Black (11%)



- Cyan (36%)
- Magenta (31%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4892, 0.2659, 0.2647 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 44.4892, 0.2659, 0.2647 by changing the saturation by 10% instead.

■ 44.4892, 0.2659,
0.2647

■ 44.4892, 0.2659,
0.2647

364.7008, 0.2893,
0.2961

■ 31.0553, 0.2601,
0.2572

■ 81.9534, 0.2743,
0.2759

■ 20.6409, 0.2528,
0.2477

■ 106.7524, 0.2775,
0.2801

■ 12.8618, 0.2432,
0.2354

136.1086, 0.2802,
0.2838

■ 7.3335, 0.2301,
0.2190

170.4064, 0.2826,
0.2869

■ 3.6715, 0.2113,
0.1960

210.0301, 0.2846,
0.2896

■ 1.4916, 0.1826,
0.1623

255.3641, 0.2863,

■ 0.2828, 0.1259,

0.2920

0.0805

306.7929, 0.2879,
0.2942

0.0000, 0.0000,
0.0000

44.4892, 0.2659,
0.2647

44.4892, 0.2659,
0.2647

35.5702, 0.2467,
0.2368

54.8157, 0.2840,
0.2902

27.9917, 0.2271,
0.2071

66.6023, 0.3008,
0.3131

21.6892, 0.2079,
0.1768

79.9053, 0.3160,
0.3333

16.5903, 0.1901,
0.1471

94.7763, 0.3296,
0.3509

12.6151, 0.1749,
0.1200

98.3253, 0.3292,
0.3562

■ 9.6735, 0.1634,
0.0971

■ 7.6549, 0.1559,
0.0798

■ 7.3062, 0.1546,
0.0766

Harmonies

Analogous

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



44.4892, 0.2445, 0.2726



44.4892, 0.2659, 0.2647



44.4892, 0.3007, 0.2722

Triad

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



44.4892, 0.2659, 0.2647



44.4892, 0.3913, 0.3538



44.4892, 0.2824, 0.3700

Complementary

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



44.4892, 0.2659, 0.2647



67.5669, 0.3579, 0.3860

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.



44.4892, 0.3208, 0.3954



44.4892, 0.2659, 0.2647



44.4892, 0.3848, 0.3824

Square

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



44.4892, 0.2659, 0.2647



44.4892, 0.3750, 0.3215



44.4892, 0.3584, 0.3990



44.4892, 0.2534, 0.3321

Rectangle

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



44.4892, 0.2659, 0.2647



44.4892, 0.3276, 0.2845



44.4892, 0.3584, 0.3990



44.4892, 0.2946, 0.3805

Sweetspot

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



44.4910, 0.2659, 0.2647



86.2579, 0.3003, 0.3125



67.6924, 0.2794, 0.3442



17.9404, 0.2979, 0.3092



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.



44.4910, 0.2659, 0.2647



51.3845, 0.2556, 0.2498



42.1296, 0.2790, 0.2521



14.3314, 0.2980, 0.3094



4.3883, 0.1552, 0.0786



0.4510, 0.1622, 0.1040

Inverse Universe

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



45.9979, 0.3616, 0.3151



53.9153, 0.3750, 0.3123



71.0300, 0.3404, 0.4016



14.4129, 0.3262, 0.3245



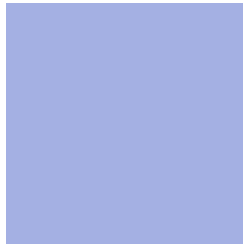
9.6407, 0.6092, 0.3130



0.7252, 0.5699, 0.2913

Previews

White Background



This preview shows how the Yxy color 44.4892, 0.2659, 0.2647 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 44.4892, 0.2659, 0.2647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

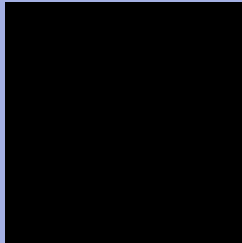
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4892, 0.2659, 0.2647

Background



This preview shows how black text looks on a background with the Yxy color 44.4892, 0.2659, 0.2647.



This preview shows how white text looks on a background with the Yxy color 44.4892, 0.2659, 0.2647.

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

44.4892, 0.2659, 0.2647

Protanopia

44.5961, 0.2666, 0.2648

Deuteranopia

44.6410, 0.2694, 0.2640



Tritanopia

44.7105, 0.2829, 0.3100

Trichromacy



Original Color

44.4892, 0.2659, 0.2647

Protanomaly

44.5961, 0.2666, 0.2648

Deuteranomaly

44.4215, 0.2680, 0.2638

Tritanomaly

44.6211, 0.2766, 0.2933

Monochromacy



Original Color

44.4892, 0.2659, 0.2647

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3140, 0.2945, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4892, 0.2659, 0.2647 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(164, 176, 227)` looks like.

```
.text, #text, p{  
    color:rgb(164, 176, 227)  
}
```

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(164, 176, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 176, 227) }
```

Border

The CSS property to change the border of an element to Yxy 44.4892, 0.2659, 0.2647 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(164, 176, 227) }
```

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

```
.border{ border-color:rgb(164, 176, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 176, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 176, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 176, 227);  
box-shadow:4px 4px 4px 4px rgb(164, 176,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4892, 0.2659, 0.2647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 176, 227) }
```

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

```
.background{ background-color: rgb(164,  
176, 227) }
```

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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