

Converting Colors

$Yxy(44.4117, 0.2621, 0.2692)$

Have a look what the booklet for
Yxy(44.4117, 0.2621, 0.2692)
contains.

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Color

Yxy(44.3450, 0.2618, 0.2686)

Conversions

Conversions Part 1

Format	Color
Hex	9CB2E1
RGB	156, 178, 225
RGB Percent	61%, 70%, 88%
CMY	0.3883, 0.3019, 0.1176
CMYK	0.31, 0.21, 0.00, 0.12
HSL	221°, 54%, 75%
HSV	221°, 31%, 88%
XYZ	43.2223, 44.3450, 77.5295
YIQ	176.7800, -28.1990, 9.9530

Conversions

Conversions Part 2

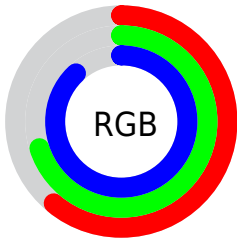
Format	Color
R _Y B	156, 173, 225
Decimal	10269409
CIE Lab	72.46, 3.21, -26.08
CIE LCh	72, 26.276, 277.019
Yxy	44.3450, 0.2618, 0.2686
Android (android.graphics.Color)	4288459489 (0xFF9CB2E1)
YUV	176.7800, 23.7725, -18.2241
Hunter-Lab	66.5920, -0.6786, -22.4137

Details

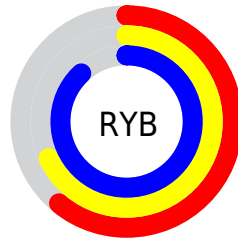
The Yxy color **44.3450, 0.2618, 0.2686** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **61.1291, 0.3658, 0.3827**, and the grayscale version is **43.7300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0627, 0.2861, 0.3070**, and **20.7076, 0.2478, 0.2526** is the 20% darker color. If you saturate the color by 10%, you get **36.5433, 0.2437, 0.2447**, and if you desaturate by 10%, it is **53.2475, 0.2794, 0.2905**.

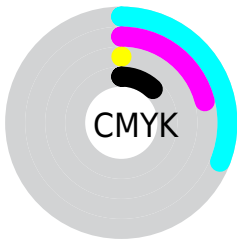
Distribution



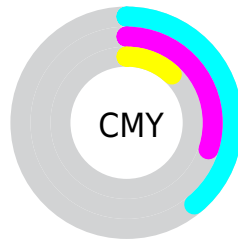
- Red (61%)
- Green (70%)
- Blue (88%)



- Red (61%)
- Yellow (68%)
- Blue (88%)



- Cyan (31%)
- Magenta (21%)
- Yellow (0%)
- Black (12%)



- Cyan (39%)
- Magenta (30%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3450, 0.2618, 0.2686 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 44.3450, 0.2618, 0.2686 by changing the saturation by 10% instead.

■ 44.3450, 0.2618,
0.2686

■ 44.3450, 0.2618,
0.2686

364.1143, 0.2871,
0.2983

■ 30.9418, 0.2556,
0.2614

■ 81.7366, 0.2709,
0.2792

■ 20.5546, 0.2477,
0.2523

■ 106.4939, 0.2744,
0.2833

■ 12.7988, 0.2374,
0.2405

135.8046, 0.2773,
0.2867

■ 7.2901, 0.2234,
0.2245

170.0532, 0.2798,
0.2897

■ 3.6442, 0.2033,
0.2019

209.6241, 0.2820,
0.2923

■ 1.4766, 0.1730,
0.1684

254.9016, 0.2839,

■ 0.2722, 0.1037,

0.2945

0.0837

306.2702, 0.2856,
0.2965

0.0000, 0.0000,
0.0000

44.3450, 0.2618,
0.2686

44.3450, 0.2618,
0.2686

36.5433, 0.2437,
0.2447

53.2475, 0.2794,
0.2905

29.7920, 0.2256,
0.2194

63.2882, 0.2961,
0.3103

24.0439, 0.2082,
0.1931

74.5088, 0.3117,
0.3279

19.2461, 0.1924,
0.1671

86.9476, 0.3261,
0.3434

15.3398, 0.1790,
0.1423

97.9887, 0.3304,
0.3578

■ 12.2581, 0.1686,
0.1199

■ 98.2174, 0.3303,
0.3581

■ 10.0390, 0.1617,
0.1021

Harmonies

Analogous

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



44.3450, 0.2454, 0.2802



44.3450, 0.2618, 0.2686



44.3450, 0.2921, 0.2720

Triad

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



44.3450, 0.2618, 0.2686



44.3450, 0.3849, 0.3448



44.3450, 0.2931, 0.3753

Complementary

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



44.3450, 0.2618, 0.2686



61.1291, 0.3658, 0.3827

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.



44.3450, 0.3301, 0.3944



44.3450, 0.2618, 0.2686



44.3450, 0.3844, 0.3734

Square

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



44.3450, 0.2618, 0.2686



44.3450, 0.3644, 0.3144



44.3450, 0.3638, 0.3926



44.3450, 0.2625, 0.3416

Rectangle

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



44.3450, 0.2618, 0.2686



44.3450, 0.3169, 0.2817



44.3450, 0.3638, 0.3926



44.3450, 0.3051, 0.3838

Sweetspot

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



44.3467, 0.2618, 0.2686



86.3324, 0.2987, 0.3133



65.1938, 0.2815, 0.3577



18.0320, 0.2964, 0.3106



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.



44.3467, 0.2618, 0.2686



51.9055, 0.2499, 0.2531



37.4828, 0.2674, 0.2414



13.9531, 0.2981, 0.3126



5.9705, 0.1625, 0.1049



0.5716, 0.1711, 0.1358

Inverse Universe

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



43.0007, 0.3597, 0.3034



50.3774, 0.3741, 0.2977



70.4851, 0.3501, 0.4077



13.7722, 0.3242, 0.3216



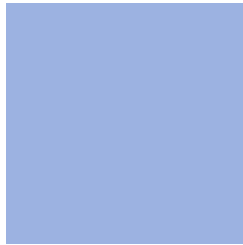
9.5108, 0.5686, 0.2906



0.6752, 0.5248, 0.2664

Previews

White Background



This preview shows how the Yxy color 44.3450, 0.2618, 0.2686 looks on a white background.

Color Contrast Check

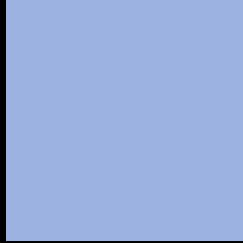
Large Text (above 18pt) WCAG AA × Fail

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 44.3450, 0.2618, 0.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

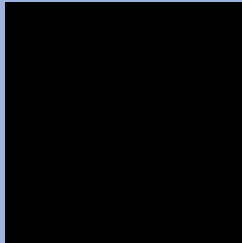
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

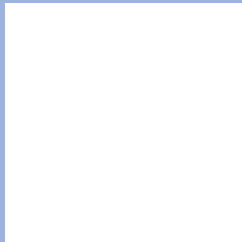
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3450, 0.2618, 0.2686

Background



This preview shows how black text looks on a background with the Yxy color 44.3450, 0.2618, 0.2686.



This preview shows how white text looks on a background with the Yxy color 44.3450, 0.2618, 0.2686.

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

44.3450, 0.2618, 0.2686

Protanopia

44.4854, 0.2700, 0.2694

Deuteranopia

44.1981, 0.2700, 0.2638



Tritanopia

44.4282, 0.2756, 0.3084

Trichromacy



Original Color

44.3450, 0.2618, 0.2686

Protanomaly

44.5075, 0.2665, 0.2691

Deuteranomaly

44.0434, 0.2664, 0.2645

Tritanomaly

44.2772, 0.2702, 0.2928

Monochromacy



Original Color

44.3450, 0.2618, 0.2686

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7743, 0.2927, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3450, 0.2618, 0.2686 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(156, 178, 225)` looks like.

```
.text, #text, p{  
    color:rgb(156, 178, 225)  
}
```

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(156, 178, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 178, 225) }
```

Border

The CSS property to change the border of an element to Yxy 44.3450, 0.2618, 0.2686 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(156, 178, 225) }
```

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

```
.border{ border-color:rgb(156, 178, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 178, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 178, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 178, 225);  
box-shadow:4px 4px 4px 4px rgb(156, 178,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3450, 0.2618, 0.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 178, 225) }
```

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

```
.background{ background-color: rgb(156,  
178, 225) }
```

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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