

Converting Colors

$Yxy(44.8316, 0.2666, 0.2749)$

Have a look what the booklet for
Yxy(44.8316, 0.2666, 0.2749)
contains.

Yxy(44.8316, 0.2666, 0.2749)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.8316, 0.2666, 0.2749)

Conversions

Conversions Part 1

Format	Color
Hex	9FB3DD
RGB	159, 179, 221
RGB Percent	62%, 70%, 87%
CMY	0.3762, 0.2981, 0.1333
CMYK	0.28, 0.19, 0.00, 0.13
HSL	221°, 48%, 75%
HSV	221°, 28%, 87%
XYZ	43.4780, 44.8316, 74.7737
YIQ	177.8080, -25.4020, 8.8220

Conversions

Conversions Part 2

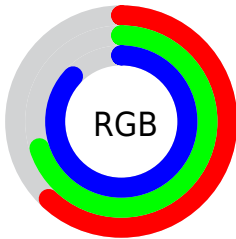
Format	Color
R _Y B	159, 174, 221
Decimal	10466269
CIE Lab	72.78, 2.58, -23.38
CIE LCh	73, 23.523, 276.291
Yxy	44.8316, 0.2666, 0.2749
Android (android.graphics.Color)	4288656349 (0xFF9FB3DD)
YUV	177.8080, 21.2937, -16.4946
Hunter-Lab	66.9564, -1.2651, -19.3427

Details

The Yxy color **44.8316, 0.2666, 0.2749** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.6874, 0.3606, 0.3777**, and the grayscale version is **44.3153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0837, 0.2880, 0.3082**, and **20.7391, 0.2535, 0.2591** is the 20% darker color. If you saturate the color by 10%, you get **37.0860, 0.2486, 0.2517**, and if you desaturate by 10%, it is **53.6379, 0.2840, 0.2961**.

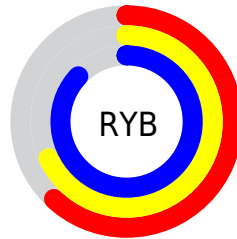
Distribution



Red (62%)

Green (70%)

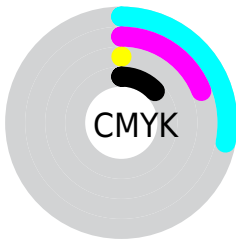
Blue (87%)



Red (62%)

Yellow (68%)

Blue (87%)

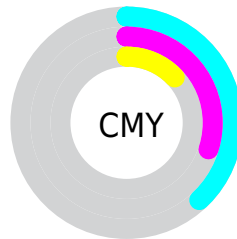


Cyan (28%)

Magenta (19%)

Yellow (0%)

Black (13%)



Cyan (38%)

Magenta (30%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8316, 0.2666, 0.2749 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 44.8316, 0.2666, 0.2749 by changing the saturation by 10% instead.

■ 44.8316, 0.2666,
0.2749

■ 44.8316, 0.2666,
0.2749

■ 366.0911, 0.2895,
0.3016

■ 31.3248, 0.2610,
0.2684

■ 82.4677, 0.2749,
0.2845

■ 20.8463, 0.2538,
0.2602

■ 107.3657, 0.2780,
0.2881

■ 13.0117, 0.2444,
0.2494

■ 136.8296, 0.2807,
0.2912

■ 7.4366, 0.2315,
0.2348

■ 171.2438, 0.2829,
0.2939

■ 3.7366, 0.2130,
0.2140

■ 210.9926, 0.2849,
0.2962

■ 1.5273, 0.1845,
0.1825

■ 256.4606, 0.2866,

■ 0.3079, 0.1176,

0.2982

0.1018

308.0319, 0.2882,
0.3000

0.0000, 0.0000,
0.0000

44.8316, 0.2666,
0.2749

44.8316, 0.2666,
0.2749

37.0860, 0.2486,
0.2517

53.6379, 0.2840,
0.2961

30.3536, 0.2305,
0.2268

63.5395, 0.3004,
0.3152

24.5906, 0.2129,
0.2008

74.5757, 0.3156,
0.3322

19.7479, 0.1966,
0.1747

86.7822, 0.3297,
0.3471

15.7712, 0.1825,
0.1495

97.3262, 0.3329,
0.3611

■ 12.5993, 0.1713,
0.1265

■ 98.0009, 0.3327,
0.3621

■ 10.1543, 0.1633,
0.1066

■ 9.7411, 0.1620,
0.1030

Harmonies

Analogous

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



44.8316, 0.2521, 0.2859



44.8316, 0.2666, 0.2749



44.8316, 0.2936, 0.2775

Triad

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



44.8316, 0.2666, 0.2749



44.8316, 0.3767, 0.3428



44.8316, 0.2961, 0.3706

Complementary

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



44.8316, 0.2666, 0.2749



59.6874, 0.3606, 0.3777

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.



44.8316, 0.3293, 0.3872



44.8316, 0.2666, 0.2749



44.8316, 0.3769, 0.3685

Square

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



44.8316, 0.2666, 0.2749



44.8316, 0.3582, 0.3154



44.8316, 0.3591, 0.3856



44.8316, 0.2684, 0.3411

Rectangle

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



44.8316, 0.2666, 0.2749



44.8316, 0.3158, 0.2861



44.8316, 0.3591, 0.3856



44.8316, 0.3070, 0.3780

Sweetspot

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



44.8334, 0.2666, 0.2749



87.8216, 0.3003, 0.3152



63.2810, 0.2839, 0.3549



18.3318, 0.2979, 0.3124



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.



44.8334, 0.2666, 0.2749



55.1456, 0.2554, 0.2606



38.5139, 0.2720, 0.2500



13.2978, 0.2981, 0.3127



5.8407, 0.1627, 0.1058



0.5316, 0.1719, 0.1387

Inverse Universe

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



43.4434, 0.3542, 0.3055



53.3706, 0.3671, 0.3001



68.0248, 0.3469, 0.4007



13.1202, 0.3241, 0.3215



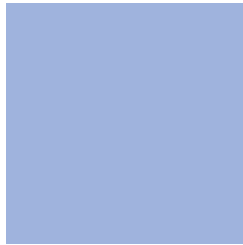
9.2134, 0.5672, 0.2898



0.6124, 0.5208, 0.2643

Previews

White Background



This preview shows how the Yxy color 44.8316, 0.2666, 0.2749 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 44.8316, 0.2666, 0.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

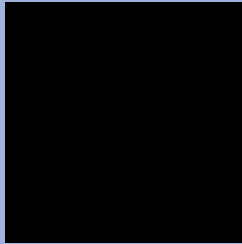
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8316, 0.2666, 0.2749

Background



This preview shows how black text looks on a background with the Yxy color 44.8316, 0.2666, 0.2749.



This preview shows how white text looks on a background with the Yxy color 44.8316, 0.2666, 0.2749.

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

44.8316, 0.2666, 0.2749

Protanopia

44.8836, 0.2742, 0.2756

Deuteranopia

44.8181, 0.2757, 0.2701



Tritanopia

44.8142, 0.2786, 0.3086

Trichromacy



Original Color

44.8316, 0.2666, 0.2749

Protanomaly

45.0074, 0.2714, 0.2754

Deuteranomaly

44.6494, 0.2721, 0.2708

Tritanomaly

44.9800, 0.2746, 0.2970

Monochromacy



Original Color

44.8316, 0.2666, 0.2749

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3938, 0.2944, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8316, 0.2666, 0.2749 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(159, 179, 221)` looks like.

```
.text, #text, p{  
    color:rgb(159, 179, 221)  
}
```

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(159, 179, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 179, 221) }
```

Border

The CSS property to change the border of an element to Yxy 44.8316, 0.2666, 0.2749 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(159, 179, 221) }
```

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

```
.border{ border-color:rgb(159, 179, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 179, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 179, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 179, 221);  
box-shadow:4px 4px 4px 4px rgb(159, 179,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8316, 0.2666, 0.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 179, 221) }
```

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

```
.background{ background-color: rgb(159,  
179, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor