

Converting Colors

$Yxy(44.9401, 0.2722, 0.2843)$

Have a look what the booklet for
Yxy(44.9401, 0.2722, 0.2843)
contains.

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Color

Yxy(45.0746, 0.2727, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	A1B4D6
RGB	161, 180, 214
RGB Percent	63%, 71%, 84%
CMY	0.3685, 0.2941, 0.1608
CMYK	0.25, 0.16, 0.00, 0.16
HSL	219°, 39%, 74%
HSV	219°, 25%, 84%
XYZ	43.1596, 45.0746, 70.0334
YIQ	178.1950, -22.2380, 6.5460

Conversions

Conversions Part 2

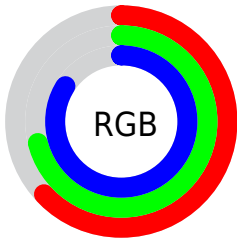
Format	Color
R _Y B	161, 175, 214
Decimal	10597590
CIE Lab	72.94, 0.94, -19.29
CIE LCh	73, 19.318, 272.803
Yxy	45.0746, 0.2727, 0.2848
Android (android.graphics.Color)	4288787670 (0xFFA1B4D6)
YUV	178.1950, 17.6519, -15.0800
Hunter-Lab	67.1376, -2.7417, -14.8510

Details

The Yxy color **45.0746, 0.2727, 0.2848** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.9071, 0.3548, 0.3695**, and the grayscale version is **44.5462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8098, 0.2887, 0.3092**, and **20.8701, 0.2613, 0.2722** is the 20% darker color. If you saturate the color by 10%, you get **37.7664, 0.2552, 0.2635**, and if you desaturate by 10%, it is **53.3164, 0.2896, 0.3041**.

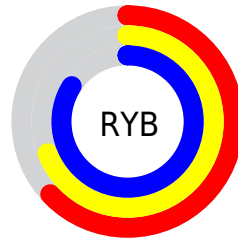
Distribution



Red (63%)

Green (71%)

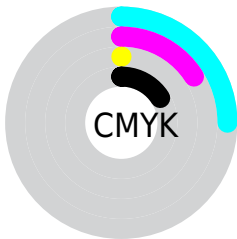
Blue (84%)



Red (63%)

Yellow (69%)

Blue (84%)

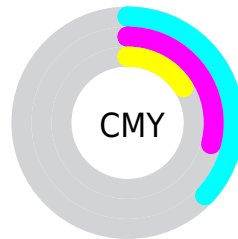


Cyan (25%)

Magenta (16%)

Yellow (0%)

Black (16%)



Cyan (37%)

Magenta (29%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0746, 0.2727, 0.2848 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 45.0746, 0.2727, 0.2848 by changing the saturation by 10% instead.

■ 45.0746, 0.2727,
0.2848

■ 45.0746, 0.2727,
0.2848

■ 367.0756, 0.2926,
0.3067

■ 31.5162, 0.2678,
0.2794

■ 82.8323, 0.2799,
0.2927

■ 20.9922, 0.2615,
0.2725

■ 107.8005, 0.2826,
0.2957

■ 13.1183, 0.2532,
0.2635

■ 137.3406, 0.2849,
0.2982

■ 7.5101, 0.2419,
0.2511

■ 171.8372, 0.2869,
0.3004

■ 3.7831, 0.2253,
0.2331

■ 211.6746, 0.2886,
0.3023

■ 1.5530, 0.1994,
0.2051

■ 257.2372, 0.2901,

■ 0.3256, 0.1296,

0.3040

0.1269

308.9094, 0.2914,
0.3054

0.0000, 0.0000,
0.0000

45.0746, 0.2727,
0.2848

45.0746, 0.2727,
0.2848

37.7664, 0.2552,
0.2635

53.3164, 0.2896,
0.3041

31.3510, 0.2375,
0.2405

62.5196, 0.3055,
0.3215

25.7927, 0.2201,
0.2163

72.7175, 0.3204,
0.3368

21.0505, 0.2038,
0.1914

83.9401, 0.3341,
0.3504

17.0799, 0.1894,
0.1669

93.6615, 0.3379,
0.3632

■ 13.8310, 0.1774,
0.1436

■ 97.6343, 0.3370,
0.3691

■ 11.2457, 0.1684,
0.1227

■ 10.1122, 0.1647,
0.1128

Harmonies

Analogous

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



45.0746, 0.2619, 0.2955



45.0746, 0.2727, 0.2848



45.0746, 0.2942, 0.2855

Triad

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



45.0746, 0.2727, 0.2848



45.0746, 0.3640, 0.3382



45.0746, 0.3023, 0.3650

Complementary

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



45.0746, 0.2727, 0.2848



55.9071, 0.3548, 0.3695

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.



45.0746, 0.3297, 0.3769



45.0746, 0.2727, 0.2848



45.0746, 0.3661, 0.3597

Square

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



45.0746, 0.2727, 0.2848



45.0746, 0.3474, 0.3154



45.0746, 0.3532, 0.3744



45.0746, 0.2785, 0.3421

Rectangle

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



45.0746, 0.2727, 0.2848



45.0746, 0.3121, 0.2918



45.0746, 0.3532, 0.3744



45.0746, 0.3114, 0.3705

Sweetspot

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



45.0764, 0.2727, 0.2848



89.6772, 0.3019, 0.3176



59.5868, 0.2882, 0.3537



19.0115, 0.3009, 0.3166



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.



45.0764, 0.2727, 0.2848



60.8386, 0.2630, 0.2732



38.6901, 0.2762, 0.2603



12.7294, 0.2982, 0.3136



6.2927, 0.1654, 0.1155



0.5337, 0.1752, 0.1506

Inverse Universe

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



43.0900, 0.3462, 0.3062



57.7515, 0.3562, 0.3008



63.9147, 0.3443, 0.3916



12.4936, 0.3235, 0.3207



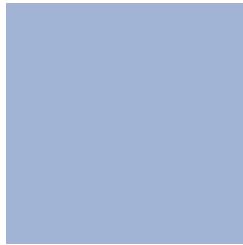
8.9801, 0.5531, 0.2821



0.5572, 0.5051, 0.2556

Previews

White Background



This preview shows how the Yxy color 45.0746, 0.2727, 0.2848 looks on a white background.

Color Contrast Check

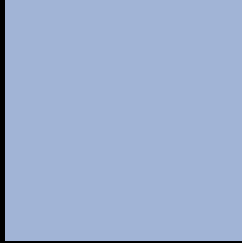
Large Text (above 18pt) WCAG AA × Fail

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 45.0746, 0.2727, 0.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

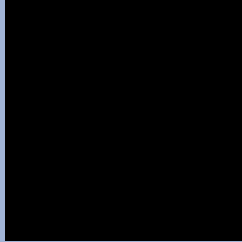
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0746, 0.2727, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 45.0746, 0.2727, 0.2848.



This preview shows how white text looks on a background with the Yxy color 45.0746, 0.2727, 0.2848.

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

45.0746, 0.2727, 0.2848

Protanopia

44.9684, 0.2820, 0.2842

Deuteranopia

45.0312, 0.2845, 0.2788



Tritanopia

45.1673, 0.2823, 0.3101

Trichromacy



Original Color

45.0746, 0.2727, 0.2848

Protanomaly

44.9697, 0.2784, 0.2840

Deuteranomaly

45.1212, 0.2799, 0.2807

Tritanomaly

45.1386, 0.2788, 0.3010

Monochromacy



Original Color

45.0746, 0.2727, 0.2848

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.7724, 0.2975, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0746, 0.2727, 0.2848 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(161, 180, 214)` looks like.

```
.text, #text, p{  
    color:rgb(161, 180, 214)  
}
```

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(161, 180, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 180, 214) }
```

Border

The CSS property to change the border of an element to Yxy 45.0746, 0.2727, 0.2848 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(161, 180, 214) }
```

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

```
.border{ border-color:rgb(161, 180, 214) }
```

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

Here you see how a box with a 4 pixel rgb(161, 180, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 180, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 180, 214);  
box-shadow:4px 4px 4px 4px rgb(161, 180,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0746, 0.2727, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 180, 214) }
```

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

```
.background{ background-color: rgb(161,  
180, 214) }
```

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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