

Converting Colors

$Yxy(49.5253, 0.2794, 0.2761)$

Have a look what the booklet for
Yxy(49.5253, 0.2794, 0.2761)
contains.

| | |
|---|----|
| Yxy(49.7721, 0.2799, 0.2770) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(49.7721, 0.2799, 0.2770)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B6B8E3 |
| RGB | 182, 184, 227 |
| RGB Percent | 71%, 72%, 89% |
| CMY | 0.2863, 0.2784, 0.1099 |
| CMYK | 0.20, 0.19, 0.00, 0.11 |
| HSL | 237°, 45%, 80% |
| HSV | 237°, 20%, 89% |
| XYZ | 50.2932, 49.7721, 79.6174 |
| YIQ | 188.3040, -14.9950, 12.9490 |

Conversions

Conversions Part 2

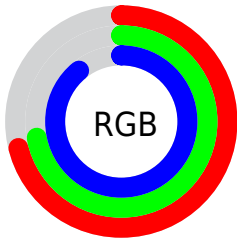
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 182, 184, 227 |
| Decimal | 11974883 |
| CIE Lab | 75.93, 8.17, -21.68 |
| CIE LCh | 76, 23.171, 290.641 |
| Yxy | 49.7721, 0.2799, 0.2770 |
| Android (android.graphics.Color) | 4290164963 (0xFFB6B8E3) |
| YUV | 188.3040, 19.0771, -5.5286 |
| Hunter-Lab | 70.5493, 3.7876, -17.5263 |

Details

The Yxy color $49.7721, 0.2799, 0.2770$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $73.5375, 0.3429, 0.3762$, and the grayscale version is $50.3671, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.7173, 0.3025, 0.3141$, and $23.8004, 0.2700, 0.2627$ is the 20% darker color. If you saturate the color by 10%, you get $38.9030, 0.2606, 0.2461$, and if you desaturate by 10%, it is $62.4735, 0.2974, 0.3048$.

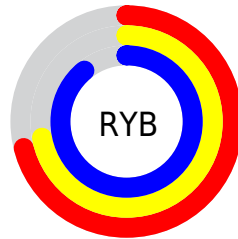
Distribution



Red (71%)

Green (72%)

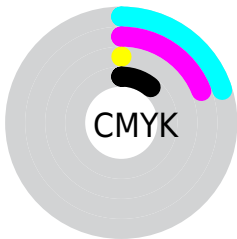
Blue (89%)



Red (71%)

Yellow (72%)

Blue (89%)

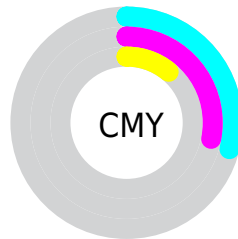


Cyan (20%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (28%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.7721, 0.2799, 0.2770 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 49.7721, 0.2799, 0.2770 by changing the saturation by 10% instead.

■ 49.7721, 0.2799,
0.2770

■ 49.7721, 0.2799,
0.2770

■ 385.7740, 0.2961,
0.3020

■ 35.2323, 0.2759,
0.2711

■ 89.8371, 0.2857,
0.2859

■ 23.8419, 0.2709,
0.2636

■ 116.1312, 0.2879,
0.2893

■ 15.2164, 0.2643,
0.2540

■ 147.1121, 0.2898,
0.2922

■ 8.9714, 0.2553,
0.2412

■ 183.1644, 0.2914,
0.2947

■ 4.7225, 0.2424,
0.2234

■ 224.6723, 0.2928,
0.2968

■ 2.0854, 0.2225,
0.1969

■ 272.0203, 0.2941,

■ 0.6564, 0.1895,

0.2988

0.1510

325.5927, 0.2952,
0.3005

0.0000, 0.0000,
0.0000

49.7721, 0.2799,
0.2770

49.7721, 0.2799,
0.2770

38.9030, 0.2606,
0.2461

62.4735, 0.2974,
0.3048

29.7758, 0.2399,
0.2127

77.0799, 0.3130,
0.3294

22.3019, 0.2187,
0.1781

93.6673, 0.3266,
0.3508

16.3823, 0.1982,
0.1443

98.3252, 0.3292,
0.3562

11.9073, 0.1799,
0.1137

■ 8.7531, 0.1654,
0.0888

■ 6.7750, 0.1557,
0.0715

■ 5.7774, 0.1507,
0.0623

■ 5.7663, 0.1506,
0.0622

Harmonies

Analogous

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



49.7721, 0.2598, 0.2813



49.7721, 0.2799, 0.2770



49.7721, 0.3096, 0.2852

Triad

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



49.7721, 0.2799, 0.2770



49.7721, 0.3760, 0.3546



49.7721, 0.2832, 0.3561

Complementary

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



49.7721, 0.2799, 0.2770



73.5375, 0.3429, 0.3762

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.



49.7721, 0.3133, 0.3787



49.7721, 0.2799, 0.2770



49.7721, 0.3676, 0.3759

Square

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



49.7721, 0.2799, 0.2770



49.7721, 0.3663, 0.3285



49.7721, 0.3443, 0.3856



49.7721, 0.2616, 0.3259

Rectangle

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



49.7721, 0.2799, 0.2770



49.7721, 0.3312, 0.2966



49.7721, 0.3443, 0.3856



49.7721, 0.2926, 0.3650

Sweetspot

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



49.7741, 0.2799, 0.2770



88.2407, 0.3035, 0.3145



70.2956, 0.2844, 0.3315



18.6251, 0.3025, 0.3129



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.



49.7741, 0.2799, 0.2770



58.3894, 0.2717, 0.2640



51.5872, 0.2953, 0.2769



13.9903, 0.2980, 0.3058



3.4083, 0.1508, 0.0629



0.2887, 0.1531, 0.0710

Inverse Universe

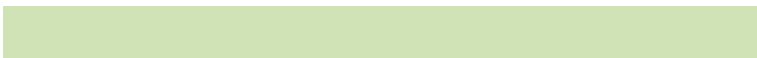
The Inverse Universe completely reimagines the original color for something new.



53.2417, 0.3502, 0.3268



63.7650, 0.3608, 0.3263



71.5344, 0.3276, 0.3807



14.3784, 0.3285, 0.3280



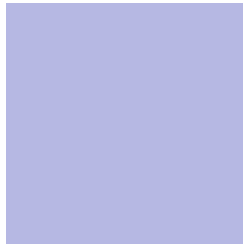
9.5418, 0.6352, 0.3273



0.7088, 0.6216, 0.3198

Previews

White Background



This preview shows how the Yxy color 49.7721, 0.2799, 0.2770 looks on a white background.

Color Contrast Check

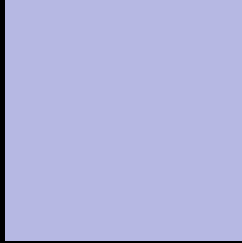
Large Text (above 18pt) WCAG AA × Fail

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 49.7721, 0.2799, 0.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

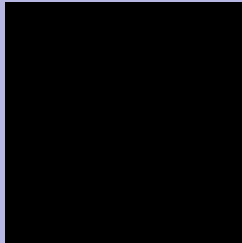
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.7721, 0.2799, 0.2770

Background



This preview shows how black text looks on a background with the Yxy color 49.7721, 0.2799, 0.2770.



This preview shows how white text looks on a background with the Yxy color 49.7721, 0.2799, 0.2770.

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

49.7721, 0.2799, 0.2770

Protanopia

49.6465, 0.2757, 0.2766

Deuteranopia

49.7273, 0.2821, 0.2761



Tritanopia

49.7432, 0.2936, 0.3100

Trichromacy



Original Color

49.7721, 0.2799, 0.2770

Protanomaly

49.8831, 0.2771, 0.2768

Deuteranomaly

49.6034, 0.2813, 0.2760

Tritanomaly

49.8778, 0.2880, 0.2978

Monochromacy



Original Color

49.7721, 0.2799, 0.2770

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2440, 0.3006, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7721, 0.2799, 0.2770 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(182, 184, 227)` looks like.

```
.text, #text, p{  
    color:rgb(182, 184, 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(182, 184, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 184, 227) }
```

Border

The CSS property to change the border of an element to Yxy 49.7721, 0.2799, 0.2770 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(182, 184, 227) }
```

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

```
.border{ border-color:rgb(182, 184, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 184, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 184, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 184, 227);  
box-shadow:4px 4px 4px 4px rgb(182, 184,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7721, 0.2799, 0.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 184, 227) }
```

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

```
.background{ background-color: rgb(182,  
184, 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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