

Converting Colors

$Yxy(44.4546, 0.2778, 0.2695)$

Have a look what the booklet for
Yxy(44.4546, 0.2778, 0.2695)
contains.

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Color

Yxy(44.6065, 0.2779, 0.2702)

Conversions

Conversions Part 1

Format	Color
Hex	AFAEDD
RGB	175, 174, 221
RGB Percent	69%, 68%, 87%
CMY	0.3135, 0.3177, 0.1333
CMYK	0.21, 0.21, 0.00, 0.13
HSL	241°, 41%, 77%
HSV	241°, 21%, 87%
XYZ	45.8777, 44.6065, 74.6028
YIQ	179.6570, -14.4910, 14.8290

Conversions

Conversions Part 2

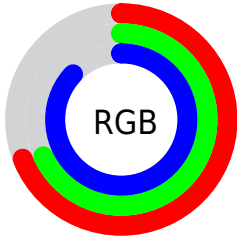
Format	Color
R _Y B	175, 174, 221
Decimal	11513565
CIE Lab	72.63, 10.18, -23.50
CIE LCh	73, 25.614, 293.420
Yxy	44.6065, 0.2779, 0.2702
Android (android.graphics.Color)	4289703645 (0xFFAFAEDD)
YUV	179.6570, 20.3821, -4.0842
Hunter-Lab	66.7881, 5.7350, -19.4757

Details

The Yxy color **44.6065, 0.2779, 0.2702** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **69.9760, 0.3438, 0.3820**, and the grayscale version is **45.3487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2475, 0.2980, 0.3026**, and **20.8098, 0.2679, 0.2550** is the 20% darker color. If you saturate the color by 10%, you get **34.4579, 0.2585, 0.2376**, and if you desaturate by 10%, it is **56.5631, 0.2954, 0.2997**.

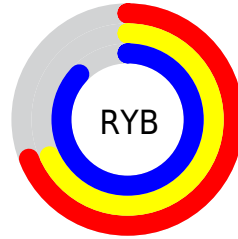
Distribution



Red (69%)

Green (68%)

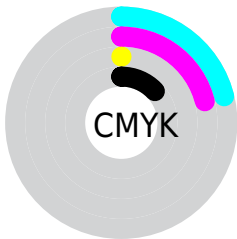
Blue (87%)



Red (69%)

Yellow (68%)

Blue (87%)

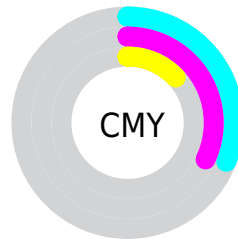


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (13%)



Cyan (31%)

Magenta (32%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6065, 0.2779, 0.2702 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 44.6065, 0.2779, 0.2702 by changing the saturation by 10% instead.

■ 44.6065, 0.2779,
0.2702

■ 44.6065, 0.2779,
0.2702

365.1775, 0.2955,
0.2988

■ 31.1476, 0.2735,
0.2633

■ 82.1296, 0.2843,
0.2804

■ 20.7113, 0.2679,
0.2546

106.9626, 0.2867,
0.2843

■ 12.9131, 0.2604,
0.2434

136.3557, 0.2887,
0.2876

■ 7.3687, 0.2501,
0.2283

170.6934, 0.2904,
0.2905

■ 3.6938, 0.2350,
0.2070

210.3601, 0.2920,
0.2930

■ 1.5038, 0.2112,
0.1752

255.7400, 0.2933,

■ 0.2914, 0.1663,

0.2952

0.0922

307.2177, 0.2944,
0.2971

0.0000, 0.0000,
0.0000

44.6065, 0.2779,
0.2702

44.6065, 0.2779,
0.2702

34.4579, 0.2585,
0.2376

56.5631, 0.2954,
0.2997

26.0243, 0.2376,
0.2028

70.4038, 0.3109,
0.3259

19.2126, 0.2163,
0.1673

86.2072, 0.3243,
0.3487

13.9186, 0.1958,
0.1333

98.0008, 0.3327,
0.3621

10.0263, 0.1777,
0.1037

■ 7.4027, 0.1637,
0.0810

■ 5.8893, 0.1546,
0.0666

■ 5.2537, 0.1506,
0.0603

Harmonies

Analogous

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



44.6065, 0.2540, 0.2734



44.6065, 0.2779, 0.2702



44.6065, 0.3124, 0.2808

Triad

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



44.6065, 0.2779, 0.2702



44.6065, 0.3853, 0.3604



44.6065, 0.2760, 0.3571

Complementary

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



44.6065, 0.2779, 0.2702



69.9760, 0.3438, 0.3820

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.



44.6065, 0.3097, 0.3847



44.6065, 0.2779, 0.2702



44.6065, 0.3736, 0.3842

Square

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



44.6065, 0.2779, 0.2702



44.6065, 0.3762, 0.3309



44.6065, 0.3456, 0.3943



44.6065, 0.2529, 0.3219

Rectangle

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



44.6065, 0.2779, 0.2702



44.6065, 0.3371, 0.2943



44.6065, 0.3456, 0.3943



44.6065, 0.2864, 0.3678

Sweetspot

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



44.6083, 0.2779, 0.2702



87.8981, 0.3038, 0.3139



65.5214, 0.2811, 0.3280



18.5445, 0.3028, 0.3121



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.



44.6083, 0.2779, 0.2702



54.4626, 0.2685, 0.2545



47.5304, 0.2963, 0.2732



12.6314, 0.2984, 0.3048



3.0584, 0.1508, 0.0604



0.2033, 0.1531, 0.0617

Inverse Universe

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



50.8024, 0.3161, 0.2775



64.6483, 0.3169, 0.2654



66.6035, 0.3263, 0.3851



13.2694, 0.3141, 0.3065



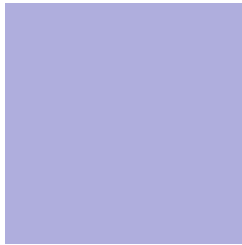
11.8098, 0.3267, 0.1573



0.7668, 0.3257, 0.1568

Previews

White Background



This preview shows how the Yxy color 44.6065, 0.2779, 0.2702 looks on a white background.

Color Contrast Check

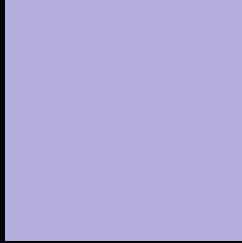
Large Text (above 18pt) WCAG AA × Fail

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 44.6065, 0.2779, 0.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

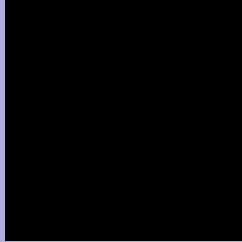
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6065, 0.2779, 0.2702

Background



This preview shows how black text looks on a background with the Yxy color 44.6065, 0.2779, 0.2702.



This preview shows how white text looks on a background with the Yxy color 44.6065, 0.2779, 0.2702.

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

44.6065, 0.2779, 0.2702

Protanopia

44.5939, 0.2707, 0.2696

Deuteranopia

44.4912, 0.2771, 0.2701



Tritanopia

44.6365, 0.2943, 0.3104

Trichromacy



Original Color

44.6065, 0.2779, 0.2702

Protanomaly

44.4799, 0.2735, 0.2698

Deuteranomaly

44.4912, 0.2771, 0.2701

Tritanomaly

44.5267, 0.2885, 0.2952

Monochromacy



Original Color

44.6065, 0.2779, 0.2702

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.2459, 0.2994, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6065, 0.2779, 0.2702 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(175, 174, 221)` looks like.

```
.text, #text, p{  
    color:rgb(175, 174, 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(175, 174, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 174, 221) }
```

Border

The CSS property to change the border of an element to Yxy 44.6065, 0.2779, 0.2702 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(175, 174, 221) }
```

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

```
.border{ border-color:rgb(175, 174, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 174, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 174, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 174, 221);  
box-shadow:4px 4px 4px 4px rgb(175, 174,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6065, 0.2779, 0.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 174, 221) }
```

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

```
.background{ background-color: rgb(175,  
174, 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](#).

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