

Converting Colors

$Y_{xy}(44.4340, 0.2825, 0.2790)$

Have a look what the booklet for
Yxy(44.4340, 0.2825, 0.2790)
contains.

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Color

Yxy(44.6289, 0.2828, 0.2796)

Conversions

Conversions Part 1

Format	Color
Hex	AFAFD6
RGB	175, 175, 214
RGB Percent	69%, 69%, 84%
CMY	0.3139, 0.3137, 0.1608
CMYK	0.18, 0.18, 0.00, 0.16
HSL	240°, 32%, 76%
HSV	240°, 18%, 84%
XYZ	45.1397, 44.6289, 69.8484
YIQ	179.4460, -12.5190, 12.1290

Conversions

Conversions Part 2

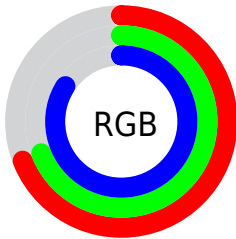
Format	Color
R_{YB}	175, 175, 214
Decimal	11513814
CIE _{Lab}	72.65, 8.00, -19.65
CIE _{LCh}	73, 21.217, 292.158
Yxy	44.6289, 0.2828, 0.2796
Android (android.graphics.Color)	4289703894 (0xFFAFAFD6)
YUV	179.4460, 17.0351, -3.8991
Hunter-Lab	66.8049, 3.7029, -15.2277

Details

The Yxy color **44.6289, 0.2828, 0.2796** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **65.4526, 0.3400, 0.3740**, and the grayscale version is **45.2402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8026, 0.2980, 0.3036**, and **20.8067, 0.2744, 0.2672** is the 20% darker color. If you saturate the color by 10%, you get **34.6763, 0.2636, 0.2478**, and if you desaturate by 10%, it is **56.2940, 0.3001, 0.3081**.

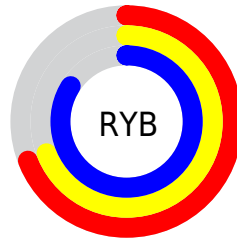
Distribution



Red (69%)

Green (69%)

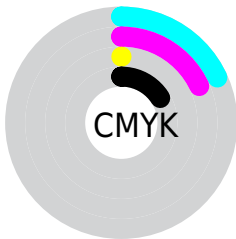
Blue (84%)



Red (69%)

Yellow (69%)

Blue (84%)

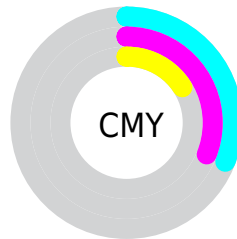


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (16%)



Cyan (31%)

Magenta (31%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6289, 0.2828, 0.2796 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 44.6289, 0.2828, 0.2796 by changing the saturation by 10% instead.

■ 44.6289, 0.2828,
0.2796

■ 44.6289, 0.2828,
0.2796

365.2685, 0.2979,
0.3038

■ 31.1652, 0.2790,
0.2737

■ 82.1633, 0.2883,
0.2883

■ 20.7247, 0.2742,
0.2663

107.0027, 0.2904,
0.2916

■ 12.9229, 0.2677,
0.2565

136.4029, 0.2921,
0.2944

■ 7.3755, 0.2587,
0.2433

170.7482, 0.2936,
0.2968

■ 3.6980, 0.2454,
0.2243

210.4230, 0.2949,
0.2989

■ 1.5061, 0.2241,
0.1953

255.8118, 0.2960,

■ 0.2930, 0.1782,

0.3008

0.1102

307.2988, 0.2970,
0.3024

0.0000, 0.0000,
0.0000

44.6289, 0.2828,
0.2796

44.6289, 0.2828,
0.2796

34.6763, 0.2636,
0.2478

56.2940, 0.3001,
0.3081

26.3505, 0.2428,
0.2135

69.7411, 0.3152,
0.3332

19.5668, 0.2212,
0.1779

85.0424, 0.3284,
0.3549

14.2303, 0.2002,
0.1431

97.6347, 0.3370,
0.3691

10.2362, 0.1813,
0.1118

■ 7.4651, 0.1661,
0.0867

■ 5.7768, 0.1559,
0.0698

■ 4.9669, 0.1507,
0.0612

■ 4.8609, 0.1500,
0.0601

Harmonies

Analogous

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



44.6289, 0.2631, 0.2832



44.6289, 0.2828, 0.2796



44.6289, 0.3113, 0.2880

Triad

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



44.6289, 0.2828, 0.2796



44.6289, 0.3727, 0.3547



44.6289, 0.2834, 0.3533

Complementary

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



44.6289, 0.2828, 0.2796



65.4526, 0.3400, 0.3740

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.



44.6289, 0.3118, 0.3753



44.6289, 0.2828, 0.2796



44.6289, 0.3640, 0.3744

Square

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



44.6289, 0.2828, 0.2796



44.6289, 0.3644, 0.3299



44.6289, 0.3414, 0.3828



44.6289, 0.2634, 0.3247

Rectangle

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



44.6289, 0.2828, 0.2796



44.6289, 0.3318, 0.2991



44.6289, 0.3414, 0.3828



44.6289, 0.2923, 0.3619

Sweetspot

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



44.6307, 0.2828, 0.2796



89.8048, 0.3051, 0.3165



62.0212, 0.2858, 0.3297



18.9270, 0.3040, 0.3146



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.



44.6307, 0.2828, 0.2796



60.1834, 0.2754, 0.2673



46.9475, 0.2980, 0.2817



12.0113, 0.2981, 0.3049



2.9395, 0.1500, 0.0601



0.1782, 0.1501, 0.0604

Inverse Universe

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



48.0370, 0.3479, 0.3290



66.1832, 0.3577, 0.3291



62.8029, 0.3254, 0.3762



12.4211, 0.3291, 0.3290



8.6416, 0.6399, 0.3299



0.5213, 0.6394, 0.3296

Previews

White Background



This preview shows how the Yxy color 44.6289, 0.2828, 0.2796 looks on a white background.

Color Contrast Check

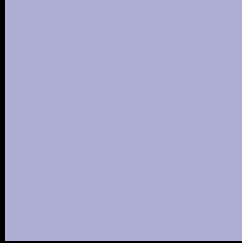
Large Text (above 18pt) WCAG AA × Fail

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 44.6289, 0.2828, 0.2796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

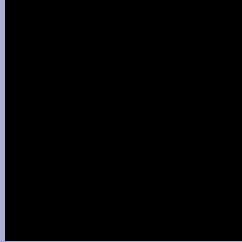
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6289, 0.2828, 0.2796

Background



This preview shows how black text looks on a background with the Yxy color 44.6289, 0.2828, 0.2796.



This preview shows how white text looks on a background with the Yxy color 44.6289, 0.2828, 0.2796.

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

44.6289, 0.2828, 0.2796

Protanopia

44.5030, 0.2783, 0.2792

Deuteranopia

44.5921, 0.2851, 0.2786



Tritanopia

44.7484, 0.2951, 0.3105

Trichromacy



Original Color

44.6289, 0.2828, 0.2796

Protanomaly

44.7276, 0.2799, 0.2794

Deuteranomaly

44.4743, 0.2843, 0.2785

Tritanomaly

44.8285, 0.2900, 0.2990

Monochromacy



Original Color

44.6289, 0.2828, 0.2796

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.1115, 0.3017, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6289, 0.2828, 0.2796 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, 175, 214)` looks like.

```
.text, #text, p{  
    color:rgb(175, 175, 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(175, 175, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 175, 214) }
```

Border

The CSS property to change the border of an element to Yxy 44.6289, 0.2828, 0.2796 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, 175, 214) }
```

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

```
.border{ border-color:rgb(175, 175, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 175, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 175, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 175, 214);  
box-shadow:4px 4px 4px 4px rgb(175, 175,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6289, 0.2828, 0.2796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 175, 214) }
```

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

```
.background{ background-color: rgb(175,  
175, 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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