

Converting Colors

$Yxy(44.8785, 0.2783, 0.2828)$

Have a look what the booklet for
Yxy(44.8785, 0.2783, 0.2828)
contains.

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Color

Yxy(45.0207, 0.2777, 0.2828)

Conversions

Conversions Part 1

Format	Color
Hex	A8B2D6
RGB	168, 178, 214
RGB Percent	66%, 70%, 84%
CMY	0.3411, 0.3020, 0.1608
CMYK	0.21, 0.17, 0.00, 0.16
HSL	227°, 36%, 75%
HSV	227°, 21%, 84%
XYZ	44.2088, 45.0207, 69.9668
YIQ	179.1140, -17.5160, 9.0760

Conversions

Conversions Part 2

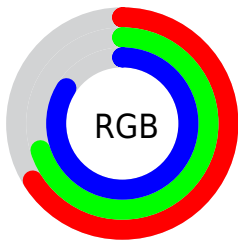
Format	Color
R _Y B	168, 176, 214
Decimal	11055830
CIE Lab	72.91, 4.19, -19.30
CIE LCh	73, 19.750, 282.239
Yxy	45.0207, 0.2777, 0.2828
Android (android.graphics.Color)	4289245910 (0xFFA8B2D6)
YUV	179.1140, 17.1988, -9.7470
Hunter-Lab	67.0975, 0.1885, -14.8572

Details

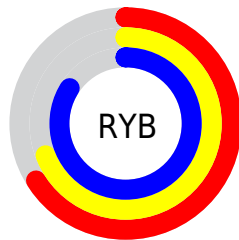
The Yxy color **45.0207, 0.2777, 0.2828** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.3140, 0.3472, 0.3713**, and the grayscale version is **45.0596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9129, 0.2936, 0.3075**, and **20.8153, 0.2676, 0.2696** is the 20% darker color. If you saturate the color by 10%, you get **36.5979, 0.2594, 0.2573**, and if you desaturate by 10%, it is **54.6480, 0.2948, 0.3058**.

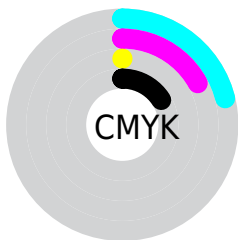
Distribution



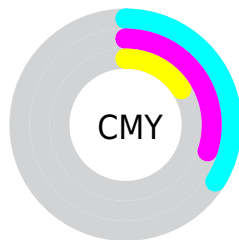
- Red (66%)
- Green (70%)
- Blue (84%)



- Red (66%)
- Yellow (69%)
- Blue (84%)



- Cyan (21%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



- Cyan (34%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0207, 0.2777, 0.2828 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 45.0207, 0.2777, 0.2828 by changing the saturation by 10% instead.

■ 45.0207, 0.2777,
0.2828

■ 45.0207, 0.2777,
0.2828

■ 366.8574, 0.2952,
0.3056

■ 31.4737, 0.2733,
0.2772

■ 82.7515, 0.2841,
0.2910

■ 20.9598, 0.2678,
0.2702

■ 107.7041, 0.2864,
0.2941

■ 13.0947, 0.2604,
0.2609

■ 137.2273, 0.2885,
0.2967

■ 7.4938, 0.2502,
0.2482

■ 171.7056, 0.2902,
0.2990

■ 3.7728, 0.2354,
0.2300

■ 211.5234, 0.2917,
0.3010

■ 1.5473, 0.2117,
0.2017

■ 257.0650, 0.2930,

■ 0.3217, 0.1550,

0.3027

0.1222

308.7149, 0.2942,
0.3042

0.0000, 0.0000,
0.0000

45.0207, 0.2777,
0.2828

45.0207, 0.2777,
0.2828

36.5979, 0.2594,
0.2573

54.6480, 0.2948,
0.3058

29.3262, 0.2403,
0.2297

65.5198, 0.3105,
0.3262

23.1558, 0.2211,
0.2007

77.6808, 0.3248,
0.3441

18.0313, 0.2026,
0.1712

91.1718, 0.3375,
0.3598

13.8921, 0.1858,
0.1428

97.6342, 0.3370,
0.3691

■ 10.6711, 0.1720,
0.1170

■ 8.2916, 0.1618,
0.0955

■ 6.8417, 0.1559,
0.0812

Harmonies

Analogous

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



45.0207, 0.2629, 0.2901



45.0207, 0.2777, 0.2828



45.0207, 0.3022, 0.2870

Triad

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



45.0207, 0.2777, 0.2828



45.0207, 0.3676, 0.3456



45.0207, 0.2937, 0.3594

Complementary

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



45.0207, 0.2777, 0.2828



60.3140, 0.3472, 0.3713

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.



45.0207, 0.3213, 0.3758



45.0207, 0.2777, 0.2828



45.0207, 0.3647, 0.3661

Square

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



45.0207, 0.2777, 0.2828



45.0207, 0.3549, 0.3222



45.0207, 0.3475, 0.3778



45.0207, 0.2718, 0.3339

Rectangle

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



45.0207, 0.2777, 0.2828



45.0207, 0.3211, 0.2956



45.0207, 0.3475, 0.3778



45.0207, 0.3026, 0.3662

Sweetspot

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



45.0225, 0.2777, 0.2828



89.8057, 0.3035, 0.3172



60.7373, 0.2875, 0.3423



18.9936, 0.3025, 0.3158



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.



45.0225, 0.2777, 0.2828



60.7524, 0.2691, 0.2709



42.6072, 0.2866, 0.2712



12.4412, 0.2982, 0.3102



4.2620, 0.1565, 0.0834



0.3812, 0.1655, 0.1159

Inverse Universe

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



45.5237, 0.3466, 0.3171



61.8421, 0.3565, 0.3142



63.4321, 0.3353, 0.3839



12.4645, 0.3257, 0.3240



8.7751, 0.6016, 0.3088



0.5418, 0.5525, 0.2817

Previews

White Background



This preview shows how the Yxy color 45.0207, 0.2777, 0.2828 looks on a white background.

Color Contrast Check

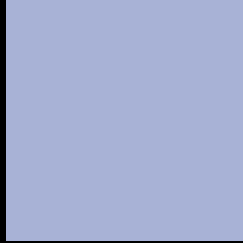
Large Text (above 18pt) WCAG AA × Fail

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 45.0207, 0.2777, 0.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

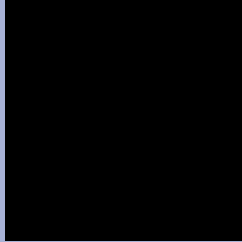
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0207, 0.2777, 0.2828

Background



This preview shows how black text looks on a background with the Yxy color 45.0207, 0.2777, 0.2828.



This preview shows how white text looks on a background with the Yxy color 45.0207, 0.2777, 0.2828.

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

45.0207, 0.2777, 0.2828

Protanopia

44.9063, 0.2806, 0.2830

Deuteranopia

45.0312, 0.2845, 0.2788



Tritanopia

45.0326, 0.2882, 0.3090

Trichromacy



Original Color

45.0207, 0.2777, 0.2828

Protanomaly

44.7944, 0.2798, 0.2829

Deuteranomaly

44.9556, 0.2814, 0.2796

Tritanomaly

45.0613, 0.2839, 0.2988

Monochromacy



Original Color

45.0207, 0.2777, 0.2828

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.1599, 0.2992, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0207, 0.2777, 0.2828 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(168, 178, 214)` looks like.

```
.text, #text, p{  
    color:rgb(168, 178, 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(168, 178, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 178, 214) }
```

Border

The CSS property to change the border of an element to Yxy 45.0207, 0.2777, 0.2828 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(168, 178, 214) }
```

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

```
.border{ border-color:rgb(168, 178, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 178, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 178, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 178, 214);  
box-shadow:4px 4px 4px 4px rgb(168, 178,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0207, 0.2777, 0.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 178, 214) }
```

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

```
.background{ background-color: rgb(168,  
178, 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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