

Converting Colors

$Yxy(40.5871, 0.2775, 0.2741)$

Have a look what the booklet for
Yxy(40.5871, 0.2775, 0.2741)
contains.

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Color

Yxy(40.6577, 0.2772, 0.2739)

Conversions

Conversions Part 1

Format	Color
Hex	A5A8D2
RGB	165, 168, 210
RGB Percent	65%, 66%, 82%
CMY	0.3530, 0.3411, 0.1766
CMYK	0.21, 0.20, 0.00, 0.18
HSL	236°, 33%, 74%
HSV	236°, 21%, 82%
XYZ	41.1476, 40.6577, 66.6347
YIQ	171.8910, -15.2700, 12.4260

Conversions

Conversions Part 2

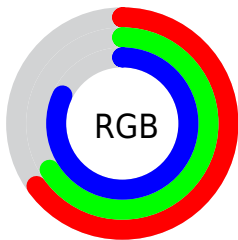
Format	Color
R _Y B	165, 168, 210
Decimal	10856658
CIE Lab	69.94, 7.83, -21.64
CIE LCh	70, 23.012, 289.899
Yxy	40.6577, 0.2772, 0.2739
Android (android.graphics.Color)	4289046738 (0xFFA5A8D2)
YUV	171.8910, 18.7877, -6.0434
Hunter-Lab	63.7634, 3.6030, -17.3255

Details

The Yxy color $40.6577, 0.2772, 0.2739$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $61.0157, 0.3455, 0.3787$, and the grayscale version is $41.1055, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.3675, 0.2914, 0.2957$, and $18.3021, 0.2665, 0.2589$ is the 20% darker color. If you saturate the color by 10%, you get $31.8938, 0.2579, 0.2434$, and if you desaturate by 10%, it is $50.8837, 0.2948, 0.3014$.

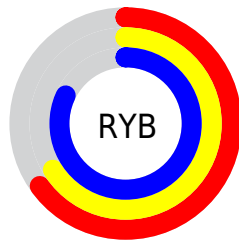
Distribution



Red (65%)

Green (66%)

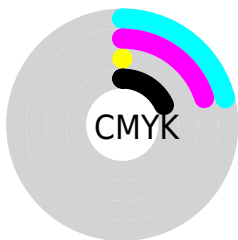
Blue (82%)



Red (65%)

Yellow (66%)

Blue (82%)

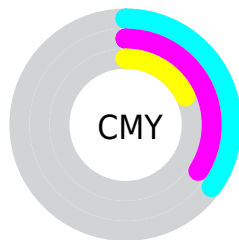


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (34%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.6577, 0.2772, 0.2739 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 40.6577, 0.2772, 0.2739 by changing the saturation by 10% instead.

■ 40.6577, 0.2772,
0.2739

■ 40.6577, 0.2772,
0.2739

■ 348.8879, 0.2953,
0.3013

■ 28.0517, 0.2726,
0.2672

■ 76.1640, 0.2839,
0.2838

■ 18.3646, 0.2666,
0.2586

■ 99.8331, 0.2863,
0.2875

■ 11.2121, 0.2587,
0.2472

■ 127.9587, 0.2884,
0.2907

■ 6.2097, 0.2475,
0.2317

■ 160.9252, 0.2902,
0.2934

■ 2.9730, 0.2307,
0.2094

■ 199.1170, 0.2918,
0.2958

■ 1.1177, 0.2035,
0.1748

■ 242.9184, 0.2931,

■ 0.0000, 0.1026,

0.2978

0.0000

292.7139, 0.2943,
0.2997

0.0000, 0.0000,
0.0000

40.6577, 0.2772,
0.2739

40.6577, 0.2772,
0.2739

31.8938, 0.2579,
0.2434

50.8837, 0.2948,
0.3014

24.5206, 0.2374,
0.2107

62.6292, 0.3106,
0.3258

18.4679, 0.2165,
0.1769

75.9545, 0.3245,
0.3471

13.6575, 0.1965,
0.1439

90.9151, 0.3367,
0.3655

10.0031, 0.1788,
0.1140

97.4319, 0.3394,
0.3731

■ 7.4071, 0.1648,
0.0896

■ 5.7558, 0.1555,
0.0724

■ 4.9691, 0.1510,
0.0637

Harmonies

Analogous

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



40.6577, 0.2563, 0.2787



40.6577, 0.2772, 0.2739



40.6577, 0.3085, 0.2823

Triad

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



40.6577, 0.2772, 0.2739



40.6577, 0.3799, 0.3553



40.6577, 0.2820, 0.3586

Complementary

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



40.6577, 0.2772, 0.2739



61.0157, 0.3455, 0.3787

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.



40.6577, 0.3141, 0.3824



40.6577, 0.2772, 0.2739



40.6577, 0.3714, 0.3783

Square

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



40.6577, 0.2772, 0.2739



40.6577, 0.3692, 0.3276



40.6577, 0.3469, 0.3892



40.6577, 0.2589, 0.3263

Rectangle

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



40.6577, 0.2772, 0.2739



40.6577, 0.3314, 0.2942



40.6577, 0.3469, 0.3892



40.6577, 0.2921, 0.3680

Sweetspot

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



40.6593, 0.2772, 0.2739



88.4428, 0.3035, 0.3149



58.5459, 0.2833, 0.3336



18.6727, 0.3025, 0.3133



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.



40.6593, 0.2772, 0.2739



56.2100, 0.2680, 0.2594



41.7148, 0.2924, 0.2724



11.5434, 0.2982, 0.3066



3.0850, 0.1513, 0.0647



0.2182, 0.1554, 0.0795

Inverse Universe

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



43.4311, 0.3528, 0.3254



61.3835, 0.3649, 0.3245



59.9031, 0.3299, 0.3847



11.8209, 0.3280, 0.3275



8.3827, 0.6322, 0.3256



0.4733, 0.6077, 0.3121

Previews

White Background



This preview shows how the Yxy color 40.6577, 0.2772, 0.2739 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 40.6577, 0.2772, 0.2739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

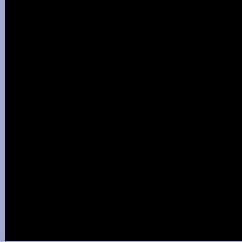
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6577, 0.2772, 0.2739

Background



This preview shows how black text looks on a background with the Yxy color 40.6577, 0.2772, 0.2739.



This preview shows how white text looks on a background with the Yxy color 40.6577, 0.2772, 0.2739.

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

40.6577, 0.2772, 0.2739

Protanopia

40.6561, 0.2735, 0.2735

Deuteranopia

40.5061, 0.2787, 0.2728



Tritanopia

40.5238, 0.2911, 0.3096

Trichromacy



Original Color

40.6577, 0.2772, 0.2739

Protanomaly

40.7605, 0.2742, 0.2737

Deuteranomaly

40.3976, 0.2779, 0.2726

Tritanomaly

40.7473, 0.2860, 0.2964

Monochromacy



Original Color

40.6577, 0.2772, 0.2739

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1060, 0.2987, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6577, 0.2772, 0.2739 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(165, 168, 210)` looks like.

```
.text, #text, p{  
    color:rgb(165, 168, 210)  
}
```

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(165, 168, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 168, 210) }
```

Border

The CSS property to change the border of an element to Yxy 40.6577, 0.2772, 0.2739 is called "border". The border property can be set on classes, ids or directly on the HTML element.

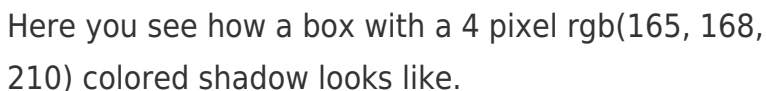
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 168, 210) }
```

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

```
.border{ border-color:rgb(165, 168, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 168, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 168, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 168, 210); box-shadow:4px 4px 4px 4px rgb(165, 168, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6577, 0.2772, 0.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 168, 210) }
```

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

```
.background{ background-color: rgb(165,  
168, 210) }
```

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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