

Converting Colors

$Y_{xy}(39.2951, 0.2748, 0.2728)$

Have a look what the booklet for
Yxy(39.2951, 0.2748, 0.2728)
contains.

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Color

Yxy(39.3001, 0.2744, 0.2729)

Conversions

Conversions Part 1

Format	Color
Hex	A0A6D0
RGB	160, 166, 208
RGB Percent	63%, 65%, 82%
CMY	0.3727, 0.3490, 0.1842
CMYK	0.23, 0.20, 0.00, 0.18
HSL	232°, 34%, 72%
HSV	232°, 23%, 82%
XYZ	39.5161, 39.3001, 65.1929
YIQ	168.9940, -17.0580, 11.7900

Conversions

Conversions Part 2

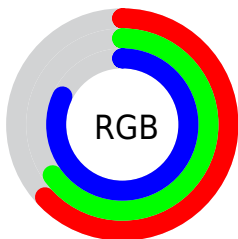
Format	Color
RYB	160, 165, 208
Decimal	10528464
CIELab	68.97, 6.94, -22.07
CIElCh	69, 23.136, 287.444
Yxy	39.3001, 0.2744, 0.2729
Android (android.graphics.Color)	4288718544 (0xFFA0A6D0)
YUV	168.9940, 19.2300, -7.8877
Hunter-Lab	62.6898, 2.8092, -17.7745

Details

The Yxy color **39.3001, 0.2744, 0.2729** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.1846, 0.3488, 0.3795**, and the grayscale version is **39.5816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3800, 0.2874, 0.2932**, and **17.5559, 0.2629, 0.2559** is the 20% darker color. If you saturate the color by 10%, you get **31.1826, 0.2553, 0.2440**, and if you desaturate by 10%, it is **48.7146, 0.2921, 0.2991**.

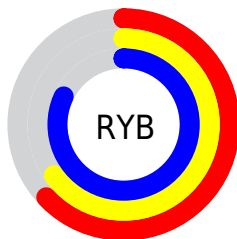
Distribution



Red (63%)

Green (65%)

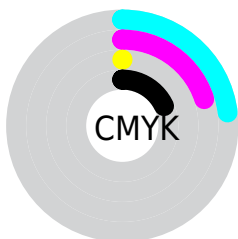
Blue (82%)



Red (63%)

Yellow (65%)

Blue (82%)

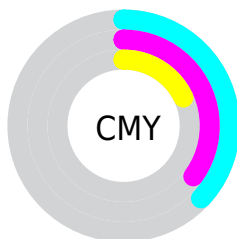


Cyan (23%)

Magenta (20%)

Yellow (0%)

Black (18%)



Cyan (37%)

Magenta (35%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3001, 0.2744, 0.2729 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 39.3001, 0.2744, 0.2729 by changing the saturation by 10% instead.

■ 39.3001, 0.2744,
0.2729

■ 39.3001, 0.2744,
0.2729

■ 343.1647, 0.2940,
0.3010

■ 26.9933, 0.2694,
0.2659

■ 74.0965, 0.2816,
0.2831

■ 17.5682, 0.2629,
0.2570

■ 97.3549, 0.2843,
0.2869

■ 10.6404, 0.2542,
0.2453

■ 125.0327, 0.2866,
0.2901

■ 5.8256, 0.2420,
0.2291

■ 157.5141, 0.2885,
0.2929

■ 2.7393, 0.2237,
0.2056

■ 195.1836, 0.2902,
0.2953

■ 0.9972, 0.1938,
0.1690

■ 238.4256, 0.2916,

■ 0.0000, 0.0391,

0.2974

0.0000

287.6245, 0.2929,
0.2993

0.0000, 0.0000,
0.0000

39.3001, 0.2744,
0.2729

39.3001, 0.2744,
0.2729

31.1826, 0.2553,
0.2440

48.7146, 0.2921,
0.2991

24.3004, 0.2352,
0.2130

59.4748, 0.3081,
0.3224

18.5941, 0.2150,
0.1808

71.6324, 0.3224,
0.3428

13.9971, 0.1958,
0.1492

85.2353, 0.3350,
0.3605

10.4365, 0.1789,
0.1202

97.3353, 0.3406,
0.3750

■ 7.8299, 0.1654,
0.0956

■ 6.0825, 0.1564,
0.0774

■ 5.3006, 0.1524,
0.0687

Harmonies

Analogous

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



39.3001, 0.2543, 0.2789



39.3001, 0.2744, 0.2729



39.3001, 0.3055, 0.2804

Triad

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



39.3001, 0.2744, 0.2729



39.3001, 0.3809, 0.3535



39.3001, 0.2839, 0.3616

Complementary

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



39.3001, 0.2744, 0.2729



58.1846, 0.3488, 0.3795

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.



39.3001, 0.3169, 0.3847



39.3001, 0.2744, 0.2729



39.3001, 0.3738, 0.3775

Square

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



39.3001, 0.2744, 0.2729



39.3001, 0.3685, 0.3253



39.3001, 0.3500, 0.3899



39.3001, 0.2595, 0.3290

Rectangle

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



39.3001, 0.2744, 0.2729



39.3001, 0.3289, 0.2919



39.3001, 0.3500, 0.3899



39.3001, 0.2943, 0.3709

Sweetspot

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



39.3017, 0.2744, 0.2729



87.2140, 0.3019, 0.3135



56.8406, 0.2827, 0.3371



18.4425, 0.3010, 0.3120



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.



39.3017, 0.2744, 0.2729



55.3128, 0.2646, 0.2581



39.1030, 0.2885, 0.2672



11.6537, 0.2982, 0.3080



3.3803, 0.1528, 0.0701



0.2700, 0.1598, 0.0954

Inverse Universe

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



41.2982, 0.3541, 0.3216



59.2063, 0.3666, 0.3198



58.6603, 0.3331, 0.3889



11.8321, 0.3271, 0.3261



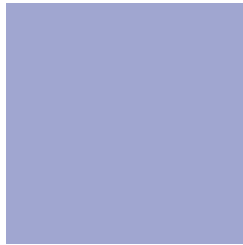
8.4125, 0.6230, 0.3206



0.4786, 0.5828, 0.2984

Previews

White Background



This preview shows how the Yxy color 39.3001, 0.2744, 0.2729 looks on a white background.

Color Contrast Check

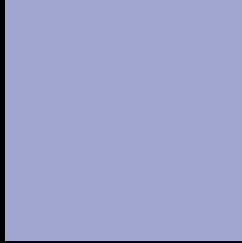
Large Text (above 18pt) WCAG AA × Fail

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 39.3001, 0.2744, 0.2729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

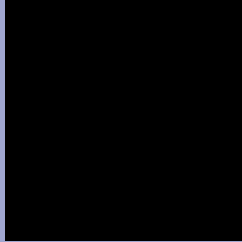
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3001, 0.2744, 0.2729

Background



This preview shows how black text looks on a background with the Yxy color 39.3001, 0.2744, 0.2729.



This preview shows how white text looks on a background with the Yxy color 39.3001, 0.2744, 0.2729.

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

39.3001, 0.2744, 0.2729

Protanopia

39.0956, 0.2729, 0.2727

Deuteranopia

39.3568, 0.2775, 0.2721



Tritanopia

39.1787, 0.2884, 0.3092

Trichromacy



Original Color

39.3001, 0.2744, 0.2729

Protanomaly

39.1974, 0.2737, 0.2728

Deuteranomaly

39.2509, 0.2767, 0.2719

Tritanomaly

39.3943, 0.2832, 0.2958

Monochromacy



Original Color

39.3001, 0.2744, 0.2729

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.5312, 0.2985, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3001, 0.2744, 0.2729 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(160, 166, 208)` looks like.

```
.text, #text, p{  
    color:rgb(160, 166, 208)  
}
```

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(160, 166, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 166, 208) }
```

Border

The CSS property to change the border of an element to Yxy 39.3001, 0.2744, 0.2729 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(160, 166, 208) }
```

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

```
.border{ border-color:rgb(160, 166, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 166, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 166, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 166, 208);  
box-shadow:4px 4px 4px 4px rgb(160, 166,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3001, 0.2744, 0.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 166, 208) }
```

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

```
.background{ background-color: rgb(160,  
166, 208) }
```

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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