

Converting Colors

$Yxy(39.9184, 0.2748, 0.2687)$

Have a look what the booklet for
Yxy(39.9184, 0.2748, 0.2687)
contains.

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Color

Yxy(39.9184, 0.2748, 0.2687)

Conversions

Conversions Part 1

Format	Color
Hex	A4A6D4
RGB	164, 166, 212
RGB Percent	64%, 65%, 83%
CMY	0.3569, 0.3490, 0.1688
CMYK	0.23, 0.22, 0.00, 0.17
HSL	237°, 36%, 74%
HSV	237°, 23%, 83%
XYZ	40.8246, 39.9184, 67.8182
YIQ	170.6460, -15.9580, 13.8820

Conversions

Conversions Part 2

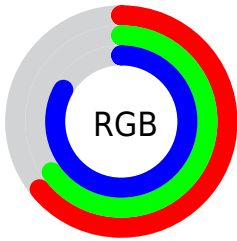
Format	Color
RYB	164, 166, 212
Decimal	10790612
CIELab	69.41, 9.10, -23.54
CIElCh	69, 25.238, 291.133
Yxy	39.9184, 0.2748, 0.2687
Android (android.graphics.Color)	4288980692 (0xFFA4A6D4)
YUV	170.6460, 20.3875, -5.8285
Hunter-Lab	63.1810, 4.7716, -19.4149

Details

The Yxy color $39.9184, 0.2748, 0.2687$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $62.7393, 0.3471, 0.3829$, and the grayscale version is $40.4397, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.1485, 0.2906, 0.2935$, and $17.8485, 0.2633, 0.2519$ is the 20% darker color. If you saturate the color by 10%, you get $31.0407, 0.2551, 0.2371$, and if you desaturate by 10%, it is $50.3405, 0.2928, 0.2974$.

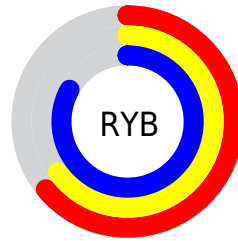
Distribution



Red (64%)

Green (65%)

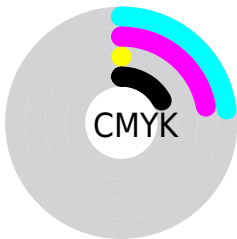
Blue (83%)



Red (64%)

Yellow (65%)

Blue (83%)

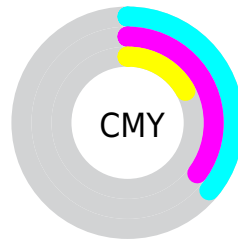


Cyan (23%)

Magenta (22%)

Yellow (0%)

Black (17%)



Cyan (36%)

Magenta (35%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.9184, 0.2748, 0.2687 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 39.9184, 0.2748, 0.2687 by changing the saturation by 10% instead.

■ 39.9184, 0.2748,
0.2687

■ 39.9184, 0.2748,
0.2687

■ 345.7795, 0.2942,
0.2986

■ 27.4749, 0.2699,
0.2613

■ 75.0392, 0.2819,
0.2795

■ 17.9302, 0.2635,
0.2520

■ 98.4854, 0.2846,
0.2836

■ 10.8999, 0.2549,
0.2397

■ 126.3679, 0.2868,
0.2870

■ 5.9996, 0.2429,
0.2230

■ 159.0712, 0.2887,
0.2900

■ 2.8448, 0.2249,
0.1989

■ 196.9796, 0.2904,
0.2926

■ 1.0513, 0.1959,
0.1622

■ 240.4775, 0.2918,

■ 0.0000, 0.0855,

0.2949

0.0000

289.9493, 0.2931,
0.2969

0.0000, 0.0000,
0.0000

39.9184, 0.2748,
0.2687

39.9184, 0.2748,
0.2687

31.0407, 0.2551,
0.2371

50.3405, 0.2928,
0.2974

23.6295, 0.2343,
0.2033

62.3705, 0.3088,
0.3228

17.6073, 0.2132,
0.1687

76.0742, 0.3229,
0.3451

12.8875, 0.1931,
0.1356

91.5122, 0.3352,
0.3643

9.3739, 0.1757,
0.1064

97.5318, 0.3382,
0.3711

■ 6.9569, 0.1624,
0.0834

■ 5.5070, 0.1540,
0.0683

■ 4.9455, 0.1506,
0.0622

Harmonies

Analogous

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



39.9184, 0.2514, 0.2731



39.9184, 0.2748, 0.2687



39.9184, 0.3094, 0.2785

Triad

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



39.9184, 0.2748, 0.2687



39.9184, 0.3870, 0.3588



39.9184, 0.2775, 0.3604

Complementary

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



39.9184, 0.2748, 0.2687



62.7393, 0.3471, 0.3829

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.



39.9184, 0.3125, 0.3876



39.9184, 0.2748, 0.2687



39.9184, 0.3766, 0.3839

Square

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



39.9184, 0.2748, 0.2687



39.9184, 0.3761, 0.3285



39.9184, 0.3489, 0.3957



39.9184, 0.2529, 0.3244

Rectangle

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



39.9184, 0.2748, 0.2687



39.9184, 0.3348, 0.2917



39.9184, 0.3489, 0.3957



39.9184, 0.2884, 0.3711

Sweetspot

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



39.9200, 0.2748, 0.2687



86.3421, 0.3019, 0.3119



59.5937, 0.2808, 0.3319



18.2413, 0.3010, 0.3104



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.



39.9200, 0.2748, 0.2687



54.0940, 0.2658, 0.2543



41.6863, 0.2924, 0.2691



12.0917, 0.2981, 0.3059



3.0907, 0.1508, 0.0629



0.2166, 0.1533, 0.0718

Inverse Universe

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



43.2936, 0.3569, 0.3266



60.1173, 0.3690, 0.3261



60.7464, 0.3296, 0.3883



12.4292, 0.3285, 0.3281



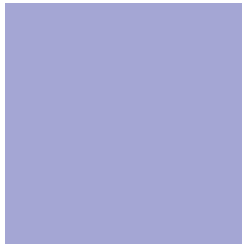
8.6569, 0.6352, 0.3273



0.5252, 0.6202, 0.3190

Previews

White Background



This preview shows how the Yxy color 39.9184, 0.2748, 0.2687 looks on a white background.

Color Contrast Check

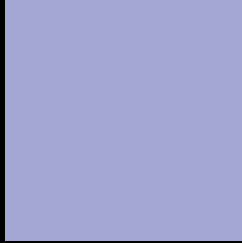
Large Text (above 18pt) WCAG AA × Fail

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 39.9184, 0.2748, 0.2687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

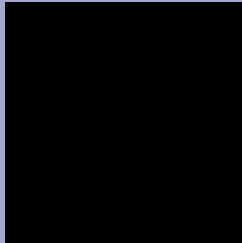
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9184, 0.2748, 0.2687

Background



This preview shows how black text looks on a background with the Yxy color 39.9184, 0.2748, 0.2687.



This preview shows how white text looks on a background with the Yxy color 39.9184, 0.2748, 0.2687.

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

39.9184, 0.2748, 0.2687

Protanopia

40.0785, 0.2696, 0.2694

Deuteranopia

39.9184, 0.2748, 0.2687



Tritanopia

39.9995, 0.2910, 0.3095

Trichromacy



Original Color

39.9184, 0.2748, 0.2687

Protanomaly

39.9151, 0.2711, 0.2683

Deuteranomaly

39.9184, 0.2748, 0.2687

Tritanomaly

39.8931, 0.2850, 0.2935

Monochromacy



Original Color

39.9184, 0.2748, 0.2687

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2459, 0.2979, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9184, 0.2748, 0.2687 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(164, 166, 212)` looks like.

```
.text, #text, p{  
    color:rgb(164, 166, 212)  
}
```

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(164, 166, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 166, 212) }
```

Border

The CSS property to change the border of an element to Yxy 39.9184, 0.2748, 0.2687 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(164, 166, 212) }
```

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

```
.border{ border-color:rgb(164, 166, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 166, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 166, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 166, 212); box-shadow:4px 4px 4px 4px rgb(164, 166, 212) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9184, 0.2748, 0.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 166, 212) }
```

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

```
.background{ background-color: rgb(164,  
166, 212) }
```

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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