

Converting Colors

$Yxy(39.5045, 0.2746, 0.2770)$

Have a look what the booklet for
Yxy(39.5045, 0.2746, 0.2770)
contains.

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Color

Yxy(39.3628, 0.2744, 0.2765)

Conversions

Conversions Part 1

Format	Color
Hex	9EA7CE
RGB	158, 167, 206
RGB Percent	62%, 65%, 81%
CMY	0.3803, 0.3451, 0.1921
CMYK	0.23, 0.19, 0.00, 0.19
HSL	229°, 33%, 71%
HSV	229°, 23%, 81%
XYZ	39.0638, 39.3628, 63.9343
YIQ	168.7550, -17.8830, 10.2210

Conversions

Conversions Part 2

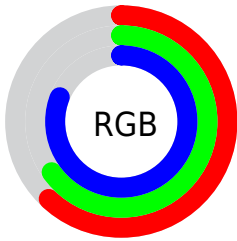
Format	Color
R_{YB}	158, 166, 206
Decimal	10397646
CIE _{Lab}	69.01, 5.31, -20.90
CIE _{LCh}	69, 21.567, 284.258
Yxy	39.3628, 0.2744, 0.2765
Android (android.graphics.Color)	4288587726 (0xFF9EA7CE)
YUV	168.7550, 18.3618, -9.4321
Hunter-Lab	62.7398, 1.3453, -16.5010

Details

The Yxy color **39.3628, 0.2744, 0.2765** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.5409, 0.3498, 0.3765**, and the grayscale version is **39.4659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6087, 0.2861, 0.2941**, and **17.5926, 0.2628, 0.2606** is the 20% darker color. If you saturate the color by 10%, you get **31.7026, 0.2557, 0.2497**, and if you desaturate by 10%, it is **48.1712, 0.2918, 0.3008**.

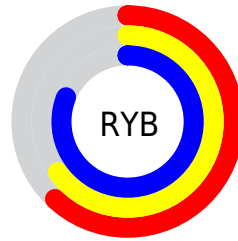
Distribution



Red (62%)

Green (65%)

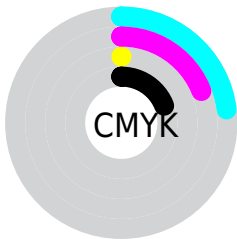
Blue (81%)



Red (62%)

Yellow (65%)

Blue (81%)

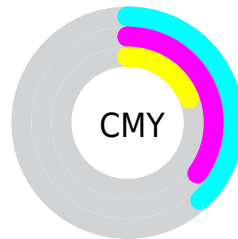


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (19%)



Cyan (38%)

Magenta (35%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3628, 0.2744, 0.2765 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 39.3628, 0.2744, 0.2765 by changing the saturation by 10% instead.

■ 39.3628, 0.2744,
0.2765

■ 39.3628, 0.2744,
0.2765

■ 343.4305, 0.2940,
0.3029

■ 27.0421, 0.2694,
0.2699

■ 74.1922, 0.2816,
0.2861

■ 17.6048, 0.2629,
0.2615

■ 97.4697, 0.2843,
0.2897

■ 10.6667, 0.2543,
0.2503

■ 125.1683, 0.2865,
0.2927

■ 5.8432, 0.2421,
0.2349

■ 157.6723, 0.2885,
0.2953

■ 2.7499, 0.2238,
0.2123

■ 195.3661, 0.2901,
0.2976

■ 1.0026, 0.1939,
0.1766

■ 238.6341, 0.2916,

■ 0.0000, 0.0182,

0.2996

0.0000

287.8608, 0.2929,
0.3013

0.0000, 0.0000,
0.0000

39.3628, 0.2744,
0.2765

39.3628, 0.2744,
0.2765

31.7026, 0.2557,
0.2497

48.1712, 0.2918,
0.3008

25.1380, 0.2363,
0.2207

58.1679, 0.3078,
0.3225

19.6196, 0.2168,
0.1906

69.3970, 0.3222,
0.3415

15.0919, 0.1983,
0.1604

81.8988, 0.3351,
0.3581

11.4942, 0.1817,
0.1320

94.5502, 0.3425,
0.3731

■ 8.7590, 0.1684,
0.1069

■ 97.2365, 0.3418,
0.3770

■ 6.8085, 0.1590,
0.0869

■ 5.8758, 0.1546,
0.0767

Harmonies

Analogous

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



39.3628, 0.2569, 0.2836



39.3628, 0.2744, 0.2765



39.3628, 0.3027, 0.2822

Triad

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



39.3628, 0.2744, 0.2765



39.3628, 0.3758, 0.3493



39.3628, 0.2889, 0.3621

Complementary

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



39.3628, 0.2744, 0.2765



55.5409, 0.3498, 0.3765

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.



39.3628, 0.3202, 0.3820



39.3628, 0.2744, 0.2765



39.3628, 0.3712, 0.3724

Square

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



39.3628, 0.2744, 0.2765



39.3628, 0.3624, 0.3229



39.3628, 0.3504, 0.3852



39.3628, 0.2649, 0.3324

Rectangle

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



39.3628, 0.2744, 0.2765



39.3628, 0.3244, 0.2923



39.3628, 0.3504, 0.3852



39.3628, 0.2989, 0.3703

Sweetspot

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



39.3644, 0.2744, 0.2765



87.8577, 0.3019, 0.3146



55.4213, 0.2845, 0.3414



18.5911, 0.3010, 0.3132



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.



39.3644, 0.2744, 0.2765



57.2700, 0.2651, 0.2632



37.7376, 0.2855, 0.2662



11.1777, 0.2982, 0.3096



3.7233, 0.1552, 0.0786



0.2968, 0.1648, 0.1134

Inverse Universe

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



40.3753, 0.3516, 0.3178



59.4039, 0.3628, 0.3153



57.7707, 0.3358, 0.3889



11.2474, 0.3261, 0.3247



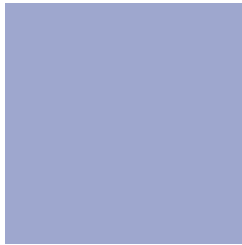
8.1789, 0.6092, 0.3130



0.4325, 0.5561, 0.2837

Previews

White Background



This preview shows how the Yxy color 39.3628, 0.2744, 0.2765 looks on a white background.

Color Contrast Check

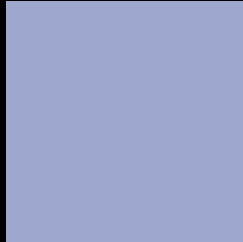
Large Text (above 18pt) WCAG AA × Fail

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 39.3628, 0.2744, 0.2765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

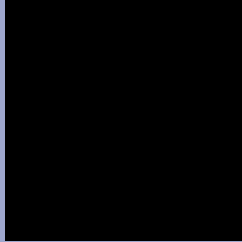
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3628, 0.2744, 0.2765

Background



This preview shows how black text looks on a background with the Yxy color 39.3628, 0.2744, 0.2765.



This preview shows how white text looks on a background with the Yxy color 39.3628, 0.2744, 0.2765.

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

39.3628, 0.2744, 0.2765

Protanopia

39.4646, 0.2752, 0.2766

Deuteranopia

39.3658, 0.2798, 0.2746



Tritanopia

39.4565, 0.2876, 0.3106

Trichromacy



Original Color

39.3628, 0.2744, 0.2765

Protanomaly

39.4646, 0.2752, 0.2766

Deuteranomaly

39.4100, 0.2775, 0.2756

Tritanomaly

39.5238, 0.2824, 0.2984

Monochromacy



Original Color

39.3628, 0.2744, 0.2765

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3820, 0.2984, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3628, 0.2744, 0.2765 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(158, 167, 206)` looks like.

```
.text, #text, p{  
    color:rgb(158, 167, 206)  
}
```

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(158, 167, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 167, 206) }
```

Border

The CSS property to change the border of an element to Yxy 39.3628, 0.2744, 0.2765 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(158, 167, 206) }
```

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

```
.border{ border-color:rgb(158, 167, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 167, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 167, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 167, 206);  
box-shadow:4px 4px 4px 4px rgb(158, 167,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3628, 0.2744, 0.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 167, 206) }
```

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

```
.background{ background-color: rgb(158,  
167, 206) }
```

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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