

Converting Colors

$Yxy(38.6981, 0.2730, 0.2692)$

Have a look what the booklet for
Yxy(38.6981, 0.2730, 0.2692)
contains.

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Color

Yxy(38.5253, 0.2727, 0.2688)

Conversions

Conversions Part 1

Format	Color
Hex	9FA4D1
RGB	159, 164, 209
RGB Percent	62%, 64%, 82%
CMY	0.3765, 0.3569, 0.1803
CMYK	0.24, 0.22, 0.00, 0.18
HSL	234°, 35%, 72%
HSV	234°, 24%, 82%
XYZ	39.0843, 38.5253, 65.7137
YIQ	167.6350, -17.4250, 12.9350

Conversions

Conversions Part 2

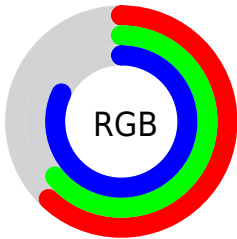
Format	Color
R _Y B	159, 164, 209
Decimal	10462417
CIE Lab	68.41, 7.99, -23.49
CIE LCh	68, 24.812, 288.795
Yxy	38.5253, 0.2727, 0.2688
Android (android.graphics.Color)	4288652497 (0xFF9FA4D1)
YUV	167.6350, 20.3929, -7.5729
Hunter-Lab	62.0688, 3.7799, -19.3237

Details

The Yxy color **38.5253, 0.2727, 0.2688** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.2599, 0.3499, 0.3828**, and the grayscale version is **38.8756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1792, 0.2866, 0.2909**, and **17.0472, 0.2614, 0.2519** is the 20% darker color. If you saturate the color by 10%, you get **30.3245, 0.2533, 0.2388**, and if you desaturate by 10%, it is **48.0866, 0.2906, 0.2961**.

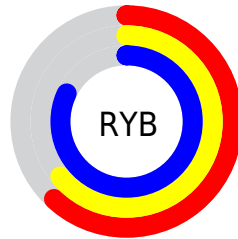
Distribution



Red (62%)

Green (64%)

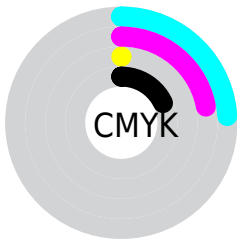
Blue (82%)



Red (62%)

Yellow (64%)

Blue (82%)

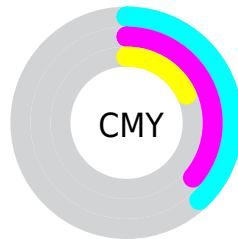


Cyan (24%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (38%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5253, 0.2727, 0.2688 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 38.5253, 0.2727, 0.2688 by changing the saturation by 10% instead.

■ 38.5253, 0.2727,
0.2688

■ 38.5253, 0.2727,
0.2688

■ 339.8680, 0.2933,
0.2989

■ 26.3906, 0.2674,
0.2613

■ 72.9126, 0.2803,
0.2797

■ 17.1161, 0.2606,
0.2518

■ 95.9340, 0.2831,
0.2838

■ 10.3173, 0.2515,
0.2393

■ 123.3531, 0.2855,
0.2873

■ 5.6098, 0.2386,
0.2220

■ 155.5543, 0.2875,
0.2903

■ 2.6093, 0.2193,
0.1971

■ 192.9220, 0.2892,
0.2929

■ 0.9314, 0.1878,
0.1586

■ 235.8406, 0.2907,

■ 0.0000, 0.0175,

0.2951

0.0000

284.6945, 0.2921,
0.2971

0.0000, 0.0000,
0.0000

38.5253, 0.2727,
0.2688

38.5253, 0.2727,
0.2688

30.3245, 0.2533,
0.2388

48.0866, 0.2906,
0.2961

23.4178, 0.2329,
0.2067

59.0615, 0.3068,
0.3203

17.7402, 0.2125,
0.1739

71.5060, 0.3212,
0.3416

13.2193, 0.1932,
0.1419

85.4716, 0.3339,
0.3600

9.7747, 0.1764,
0.1131

97.3847, 0.3400,
0.3740

■ 7.3161, 0.1633,
0.0895

■ 5.7376, 0.1549,
0.0729

■ 5.1372, 0.1517,
0.0662

Harmonies

Analogous

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



38.5253, 0.2505, 0.2744



38.5253, 0.2727, 0.2688



38.5253, 0.3065, 0.2776

Triad

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



38.5253, 0.2727, 0.2688



38.5253, 0.3865, 0.3564



38.5253, 0.2802, 0.3628

Complementary

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



38.5253, 0.2727, 0.2688



59.2599, 0.3499, 0.3828

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.



38.5253, 0.3154, 0.3886



38.5253, 0.2727, 0.2688



38.5253, 0.3777, 0.3820

Square

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



38.5253, 0.2727, 0.2688



38.5253, 0.3740, 0.3262



38.5253, 0.3513, 0.3951



38.5253, 0.2546, 0.3272

Rectangle

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



38.5253, 0.2727, 0.2688



38.5253, 0.3318, 0.2902



38.5253, 0.3513, 0.3951



38.5253, 0.2912, 0.3731

Sweetspot

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



38.5268, 0.2727, 0.2688



86.9449, 0.3019, 0.3130



57.3452, 0.2807, 0.3353



18.3804, 0.3010, 0.3115



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.



38.5268, 0.2727, 0.2688



53.2054, 0.2624, 0.2529



38.9860, 0.2889, 0.2650



11.6051, 0.2982, 0.3074



3.2338, 0.1521, 0.0674



0.2472, 0.1579, 0.0885

Inverse Universe

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



41.0357, 0.3572, 0.3229



57.9780, 0.3709, 0.3214



58.9375, 0.3325, 0.3915



11.8272, 0.3275, 0.3267



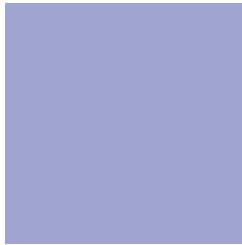
8.3977, 0.6275, 0.3231



0.4763, 0.5934, 0.3043

Previews

White Background



This preview shows how the Yxy color 38.5253, 0.2727, 0.2688 looks on a white background.

Color Contrast Check

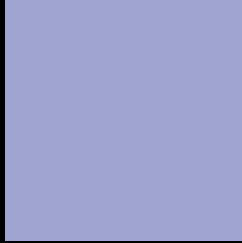
Large Text (above 18pt) WCAG AA × Fail

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 38.5253, 0.2727, 0.2688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

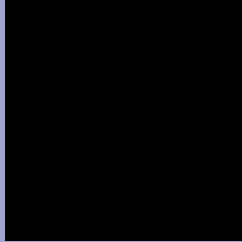
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5253, 0.2727, 0.2688

Background



This preview shows how black text looks on a background with the Yxy color 38.5253, 0.2727, 0.2688.



This preview shows how white text looks on a background with the Yxy color 38.5253, 0.2727, 0.2688.

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

38.5253, 0.2727, 0.2688

Protanopia

38.6313, 0.2698, 0.2686

Deuteranopia

38.3749, 0.2742, 0.2677



Tritanopia

38.6234, 0.2891, 0.3105

Trichromacy



Original Color

38.5253, 0.2727, 0.2688

Protanomaly

38.7315, 0.2706, 0.2687

Deuteranomaly

38.2714, 0.2734, 0.2676

Tritanomaly

38.5111, 0.2830, 0.2942

Monochromacy



Original Color

38.5253, 0.2727, 0.2688

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.0557, 0.2976, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5253, 0.2727, 0.2688 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(159, 164, 209)` looks like.

```
.text, #text, p{  
    color:rgb(159, 164, 209)  
}
```

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(159, 164, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 164, 209) }
```

Border

The CSS property to change the border of an element to Yxy 38.5253, 0.2727, 0.2688 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(159, 164, 209) }
```

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

```
.border{ border-color:rgb(159, 164, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 164, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 164, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 164, 209); box-shadow:4px 4px 4px 4px rgb(159, 164, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5253, 0.2727, 0.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 164, 209) }
```

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

```
.background{ background-color: rgb(159,  
164, 209) }
```

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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