

Converting Colors

$Y_{xy}(40.3902, 0.2630, 0.2555)$

Have a look what the booklet for
Yxy(40.3902, 0.2630, 0.2555)
contains.

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Color

Yxy(40.3902, 0.2630, 0.2555)

Conversions

Conversions Part 1

Format	Color
Hex	9FA7E0
RGB	159, 167, 224
RGB Percent	62%, 65%, 88%
CMY	0.3763, 0.3451, 0.1216
CMYK	0.29, 0.25, 0.00, 0.12
HSL	233°, 51%, 75%
HSV	233°, 29%, 88%
XYZ	41.5758, 40.3902, 76.1170
YIQ	171.1060, -23.0650, 16.0310

Conversions

Conversions Part 2

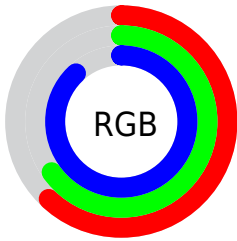
Format	Color
R _Y B	159, 166, 224
Decimal	10463200
CIE Lab	69.75, 9.95, -29.66
CIE LCh	70, 31.289, 288.551
Yxy	40.3902, 0.2630, 0.2555
Android (android.graphics.Color)	4288653280 (0xFF9FA7E0)
YUV	171.1060, 26.0767, -10.6170
Hunter-Lab	63.5533, 5.5544, -26.5236

Details

The Yxy color **40.3902, 0.2630, 0.2555** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **67.4808, 0.3587, 0.3931**, and the grayscale version is **40.6597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9096, 0.2874, 0.2943**, and **18.1902, 0.2483, 0.2348** is the 20% darker color. If you saturate the color by 10%, you get **31.6421, 0.2431, 0.2250**, and if you desaturate by 10%, it is **50.6510, 0.2817, 0.2836**.

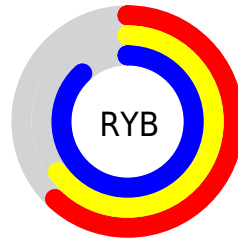
Distribution



Red (62%)

Green (65%)

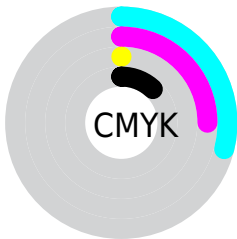
Blue (88%)



Red (62%)

Yellow (65%)

Blue (88%)

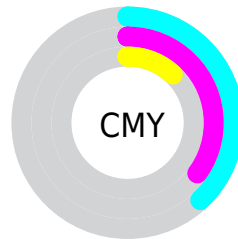


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (12%)



Cyan (38%)

Magenta (35%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.3902, 0.2630, 0.2555 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 40.3902, 0.2630, 0.2555 by changing the saturation by 10% instead.

■ 40.3902, 0.2630,
0.2555

■ 40.3902, 0.2630,
0.2555

■ 347.7655, 0.2882,
0.2916

■ 27.8429, 0.2567,
0.2468

■ 75.7573, 0.2722,
0.2684

■ 18.2073, 0.2486,
0.2358

■ 99.3460, 0.2757,
0.2733

■ 11.0989, 0.2378,
0.2216

■ 127.3838, 0.2786,
0.2775

■ 6.1334, 0.2231,
0.2025

■ 160.2553, 0.2811,
0.2811

■ 2.9264, 0.2017,
0.1759

■ 198.3448, 0.2832,
0.2842

■ 1.0934, 0.1688,
0.1373

■ 242.0368, 0.2851,

■ 0.0000, 0.0798,

0.2870

0.0000

291.7155, 0.2868,
0.2894

0.0000, 0.0000,
0.0000

40.3902, 0.2630,
0.2555

40.3902, 0.2630,
0.2555

31.6421, 0.2431,
0.2250

50.6510, 0.2817,
0.2836

24.3304, 0.2227,
0.1929

62.4866, 0.2988,
0.3088

18.3789, 0.2029,
0.1606

75.9615, 0.3142,
0.3311

13.7029, 0.1848,
0.1301

91.1351, 0.3278,
0.3505

10.2076, 0.1698,
0.1036

98.1612, 0.3310,
0.3592

■ 7.7847, 0.1591,
0.0829

■ 6.2941, 0.1527,
0.0690

■ 6.1846, 0.1522,
0.0680

Harmonies

Analogous

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



40.3902, 0.2365, 0.2618



40.3902, 0.2630, 0.2555



40.3902, 0.3043, 0.2662

Triad

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



40.3902, 0.2630, 0.2555



40.3902, 0.4044, 0.3613



40.3902, 0.2725, 0.3717

Complementary

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



40.3902, 0.2630, 0.2555



67.4808, 0.3587, 0.3931

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.



40.3902, 0.3157, 0.4044



40.3902, 0.2630, 0.2555



40.3902, 0.3932, 0.3935

Square

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



40.3902, 0.2630, 0.2555



40.3902, 0.3888, 0.3245



40.3902, 0.3601, 0.4112



40.3902, 0.2414, 0.3264

Rectangle

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



40.3902, 0.2630, 0.2555



40.3902, 0.3357, 0.2813



40.3902, 0.3601, 0.4112



40.3902, 0.2860, 0.3849

Sweetspot

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



40.3918, 0.2630, 0.2555



83.7206, 0.2987, 0.3087



65.6037, 0.2757, 0.3395



17.3930, 0.2963, 0.3052



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.



40.3918, 0.2630, 0.2555



46.6169, 0.2507, 0.2366



40.2418, 0.2808, 0.2492



13.5123, 0.2981, 0.3078



3.6891, 0.1526, 0.0694



0.3459, 0.1584, 0.0902

Inverse Universe

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



43.4462, 0.3689, 0.3198



51.6031, 0.3863, 0.3177



68.1133, 0.3382, 0.4058



13.7277, 0.3273, 0.3262



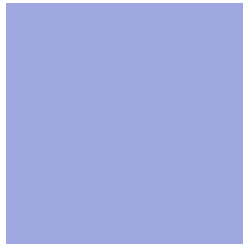
9.2805, 0.6242, 0.3212



0.6524, 0.5908, 0.3028

Previews

White Background



This preview shows how the Yxy color 40.3902, 0.2630, 0.2555 looks on a white background.

Color Contrast Check

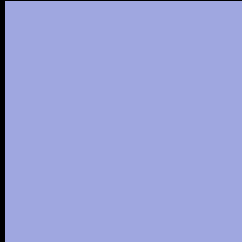
Large Text (above 18pt) WCAG AA × Fail

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 40.3902, 0.2630, 0.2555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

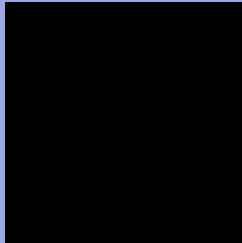
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3902, 0.2630, 0.2555

Background



This preview shows how black text looks on a background with the Yxy color 40.3902, 0.2630, 0.2555.



This preview shows how white text looks on a background with the Yxy color 40.3902, 0.2630, 0.2555.

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

40.3902, 0.2630, 0.2555

Protanopia

40.4101, 0.2596, 0.2551

Deuteranopia

40.2884, 0.2622, 0.2553



Tritanopia

40.4823, 0.2825, 0.3093

Trichromacy



Original Color

40.3902, 0.2630, 0.2555

Protanomaly

40.5094, 0.2603, 0.2553

Deuteranomaly

40.2884, 0.2622, 0.2553

Tritanomaly

40.2129, 0.2752, 0.2880

Monochromacy



Original Color

40.3902, 0.2630, 0.2555

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6826, 0.2939, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3902, 0.2630, 0.2555 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, 167, 224)` looks like.

```
.text, #text, p{  
    color:rgb(159, 167, 224)  
}
```

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, 167, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 167, 224) }
```

Border

The CSS property to change the border of an element to Yxy 40.3902, 0.2630, 0.2555 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, 167, 224) }
```

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

```
.border{ border-color:rgb(159, 167, 224) }
```

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

Here you see how a box with a 4 pixel rgb(159, 167, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 167, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 167, 224);  
box-shadow:4px 4px 4px 4px rgb(159, 167,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3902, 0.2630, 0.2555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 167, 224) }
```

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

```
.background{ background-color: rgb(159,  
167, 224) }
```

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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