

Converting Colors

$Y_{xy}(39.7745, 0.2600, 0.2594)$

Have a look what the booklet for
Yxy(39.7745, 0.2600, 0.2594)
contains.

Yxy(39.9011, 0.2599, 0.2593)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.9011, 0.2599, 0.2593)

Conversions

Conversions Part 1

Format	Color
Hex	98A8DD
RGB	152, 168, 221
RGB Percent	60%, 66%, 87%
CMY	0.4041, 0.3411, 0.1334
CMYK	0.31, 0.24, 0.00, 0.13
HSL	226°, 50%, 73%
HSV	226°, 31%, 87%
XYZ	39.9934, 39.9011, 73.9855
YIQ	169.2580, -26.5490, 13.0910

Conversions

Conversions Part 2

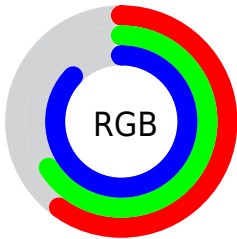
Format	Color
RYB	152, 165, 221
Decimal	10004701
CIELab	69.40, 6.57, -28.59
CIELCh	69, 29.336, 282.951
Yxy	39.9011, 0.2599, 0.2593
Android (android.graphics.Color)	4288194781 (0xFF98A8DD)
YUV	169.2580, 25.5088, -15.1353
Hunter-Lab	63.1673, 2.4718, -25.2271

Details

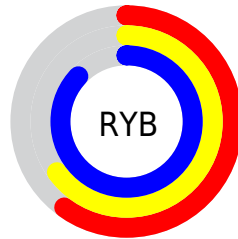
The Yxy color `39.9011, 0.2599, 0.2593` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `61.2556, 0.3648, 0.3901`, and the grayscale version is `39.6886, 0.3127, 0.3290`.

A 20% lighter version of the original color is `73.4052, 0.2830, 0.2949`, and `17.8966, 0.2445, 0.2395` is the 20% darker color. If you saturate the color by 10%, you get `32.1078, 0.2409, 0.2322`, and if you desaturate by 10%, it is `48.9109, 0.2781, 0.2842`.

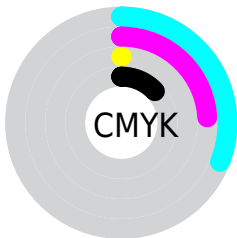
Distribution



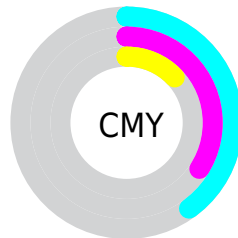
- Red (60%)
- Green (66%)
- Blue (87%)



- Red (60%)
- Yellow (65%)
- Blue (87%)



- Cyan (31%)
- Magenta (24%)
- Yellow (0%)
- Black (13%)



- Cyan (40%)
- Magenta (34%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.9011, 0.2599, 0.2593 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 39.9011, 0.2599, 0.2593 by changing the saturation by 10% instead.

■ 39.9011, 0.2599,
0.2593

■ 39.9011, 0.2599,
0.2593

■ 345.7065, 0.2866,
0.2938

■ 27.4614, 0.2532,
0.2509

■ 75.0129, 0.2696,
0.2717

■ 17.9201, 0.2446,
0.2402

■ 98.4538, 0.2733,
0.2764

■ 10.8926, 0.2333,
0.2263

■ 126.3306, 0.2764,
0.2804

■ 5.9947, 0.2177,
0.2075

■ 159.0277, 0.2790,
0.2839

■ 2.8418, 0.1952,
0.1810

■ 196.9294, 0.2813,
0.2868

■ 1.0497, 0.1606,
0.1419

■ 240.4202, 0.2833,

■ 0.0000, 0.0409,

0.2895

0.0000

289.8844, 0.2851,
0.2918

0.0000, 0.0000,
0.0000

39.9011, 0.2599,
0.2593

39.9011, 0.2599,
0.2593

32.1078, 0.2409,
0.2322

48.9109, 0.2781,
0.2842

25.4730, 0.2218,
0.2037

59.1826, 0.2952,
0.3067

19.9406, 0.2035,
0.1746

70.7649, 0.3109,
0.3267

15.4477, 0.1868,
0.1464

83.7024, 0.3251,
0.3443

11.9247, 0.1730,
0.1207

96.5987, 0.3330,
0.3601

■ 9.2922, 0.1627,
0.0989

■ 97.9994, 0.3328,
0.3621

■ 7.6252, 0.1566,
0.0838

Harmonies

Analogous

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



39.9011, 0.2378, 0.2686



39.9011, 0.2599, 0.2593



39.9011, 0.2969, 0.2665

Triad

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



39.9011, 0.2599, 0.2593



39.9011, 0.3982, 0.3534



39.9011, 0.2819, 0.3762

Complementary

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



39.9011, 0.2599, 0.2593



61.2556, 0.3648, 0.3901

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.



39.9011, 0.3238, 0.4028



39.9011, 0.2599, 0.2593



39.9011, 0.3924, 0.3852

Square

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



39.9011, 0.2599, 0.2593



39.9011, 0.3790, 0.3186



39.9011, 0.3645, 0.4048



39.9011, 0.2497, 0.3348

Rectangle

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



39.9011, 0.2599, 0.2593



39.9011, 0.3261, 0.2793



39.9011, 0.3645, 0.4048



39.9011, 0.2953, 0.3875

Sweetspot

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



39.9027, 0.2599, 0.2593



85.1796, 0.2987, 0.3113



62.7747, 0.2770, 0.3493



17.7496, 0.2963, 0.3082



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.



39.9027, 0.2599, 0.2593



48.4673, 0.2485, 0.2431



36.2468, 0.2721, 0.2410



13.1066, 0.2981, 0.3105



4.5746, 0.1573, 0.0861



0.4286, 0.1659, 0.1171

Inverse Universe

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



40.6381, 0.3669, 0.3100



50.0303, 0.3820, 0.3062



66.6042, 0.3454, 0.4106



13.1009, 0.3255, 0.3236



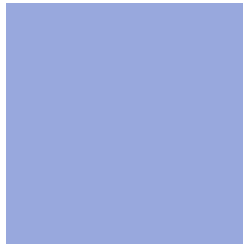
9.0856, 0.5972, 0.3064



0.6020, 0.5508, 0.2808

Previews

White Background



This preview shows how the Yxy color 39.9011, 0.2599, 0.2593 looks on a white background.

Color Contrast Check

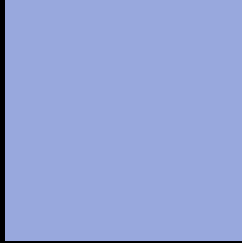
Large Text (above 18pt) WCAG AA × Fail

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 39.9011, 0.2599, 0.2593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

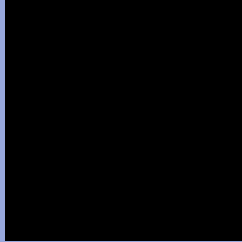
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9011, 0.2599, 0.2593

Background



This preview shows how black text looks on a background with the Yxy color 39.9011, 0.2599, 0.2593.



This preview shows how white text looks on a background with the Yxy color 39.9011, 0.2599, 0.2593.

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

39.9011, 0.2599, 0.2593

Protanopia

39.7733, 0.2626, 0.2595

Deuteranopia

39.6610, 0.2633, 0.2572



Tritanopia

39.9227, 0.2778, 0.3090

Trichromacy



Original Color

39.9011, 0.2599, 0.2593

Protanomaly

39.6748, 0.2619, 0.2593

Deuteranomaly

39.8265, 0.2620, 0.2583

Tritanomaly

39.9711, 0.2714, 0.2902

Monochromacy



Original Color

39.9011, 0.2599, 0.2593

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.7933, 0.2920, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9011, 0.2599, 0.2593 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(152, 168, 221)` looks like.

```
.text, #text, p{  
    color:rgb(152, 168, 221)  
}
```

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(152, 168, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 168, 221) }
```

Border

The CSS property to change the border of an element to Yxy 39.9011, 0.2599, 0.2593 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(152, 168, 221) }
```

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

```
.border{ border-color:rgb(152, 168, 221) }
```

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

Here you see how a box with a 4 pixel rgb(152, 168, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 168, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 168, 221);  
box-shadow:4px 4px 4px 4px rgb(152, 168,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9011, 0.2599, 0.2593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 168, 221) }
```

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

```
.background{ background-color: rgb(152,  
168, 221) }
```

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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