

Converting Colors

$Y_{xy}(40.9662, 0.2598, 0.2541)$

Have a look what the booklet for
Yxy(40.9662, 0.2598, 0.2541)
contains.

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Color

Yxy(41.0901, 0.2599, 0.2545)

Conversions

Conversions Part 1

Format	Color
Hex	9DA9E3
RGB	157, 169, 227
RGB Percent	62%, 66%, 89%
CMY	0.3842, 0.3373, 0.1097
CMYK	0.31, 0.26, 0.00, 0.11
HSL	230°, 56%, 75%
HSV	230°, 31%, 89%
XYZ	41.9620, 41.0901, 78.4022
YIQ	172.0240, -25.7700, 15.4940

Conversions

Conversions Part 2

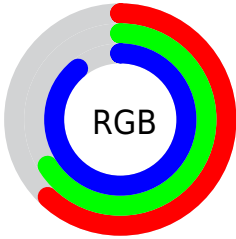
Format	Color
R _Y B	157, 167, 227
Decimal	10332643
CIE Lab	70.24, 9.00, -30.57
CIE LCh	70, 31.871, 286.409
Yxy	41.0901, 0.2599, 0.2545
Android (android.graphics.Color)	4288522723 (0xFF9DA9E3)
YUV	172.0240, 27.1032, -13.1760
Hunter-Lab	64.1016, 4.6714, -27.6461

Details

The Yxy color **41.0901, 0.2599, 0.2545** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **67.3897, 0.3628, 0.3938**, and the grayscale version is **41.1405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6774, 0.2862, 0.2963**, and **18.6059, 0.2455, 0.2352** is the 20% darker color. If you saturate the color by 10%, you get **32.5113, 0.2403, 0.2253**, and if you desaturate by 10%, it is **51.1040, 0.2785, 0.2815**.

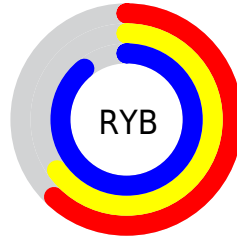
Distribution



Red (62%)

Green (66%)

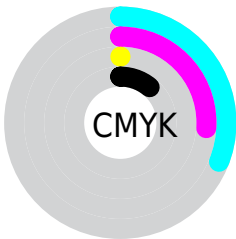
Blue (89%)



Red (62%)

Yellow (65%)

Blue (89%)

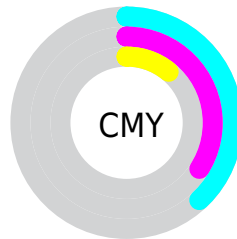


Cyan (31%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0901, 0.2599, 0.2545 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 41.0901, 0.2599, 0.2545 by changing the saturation by 10% instead.

■ 41.0901, 0.2599,
0.2545

■ 41.0901, 0.2599,
0.2545

■ 350.6970, 0.2865,
0.2910

■ 28.3895, 0.2533,
0.2457

■ 76.8207, 0.2696,
0.2675

■ 18.6195, 0.2448,
0.2347

■ 100.6194, 0.2732,
0.2725

■ 11.3956, 0.2337,
0.2204

■ 128.8863, 0.2763,
0.2767

■ 6.3336, 0.2184,
0.2013

■ 162.0057, 0.2789,
0.2804

■ 3.0490, 0.1965,
0.1748

■ 200.3621, 0.2812,
0.2836

■ 1.1574, 0.1634,
0.1366

■ 244.3399, 0.2832,

■ 0.0265, 0.0815,

0.2863

0.0088

294.3234, 0.2850,
0.2888

0.0000, 0.0000,
0.0000

41.0901, 0.2599,
0.2545

41.0901, 0.2599,
0.2545

32.5113, 0.2403,
0.2253

51.1040, 0.2785,
0.2815

25.2963, 0.2205,
0.1946

62.6102, 0.2958,
0.3058

19.3752, 0.2013,
0.1637

75.6685, 0.3115,
0.3273

14.6693, 0.1841,
0.1343

90.3341, 0.3256,
0.3462

11.0913, 0.1699,
0.1083

98.3268, 0.3291,
0.3562

■ 8.5413, 0.1597,
0.0875

■ 6.9872, 0.1538,
0.0737

Harmonies

Analogous

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



41.0901, 0.2344, 0.2621



41.0901, 0.2599, 0.2545



41.0901, 0.3008, 0.2642

Triad

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



41.0901, 0.2599, 0.2545



41.0901, 0.4054, 0.3590



41.0901, 0.2748, 0.3753

Complementary

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



41.0901, 0.2599, 0.2545



67.3897, 0.3628, 0.3938

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.



41.0901, 0.3190, 0.4068



41.0901, 0.2599, 0.2545



41.0901, 0.3958, 0.3923

Square

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



41.0901, 0.2599, 0.2545



41.0901, 0.3877, 0.3218



41.0901, 0.3636, 0.4117



41.0901, 0.2422, 0.3296

Rectangle

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



41.0901, 0.2599, 0.2545



41.0901, 0.3325, 0.2788



41.0901, 0.3636, 0.4117



41.0901, 0.2887, 0.3883

Sweetspot

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



41.0917, 0.2599, 0.2545



84.3614, 0.2987, 0.3098



66.9806, 0.2755, 0.3446



17.5495, 0.2963, 0.3065



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.



41.0917, 0.2599, 0.2545



46.1226, 0.2474, 0.2360



39.2742, 0.2755, 0.2428



14.2836, 0.2980, 0.3089



4.1904, 0.1543, 0.0755



0.4284, 0.1610, 0.0997

Inverse Universe

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



43.3191, 0.3704, 0.3152



49.7936, 0.3878, 0.3122



70.3389, 0.3424, 0.4103



14.4080, 0.3266, 0.3250



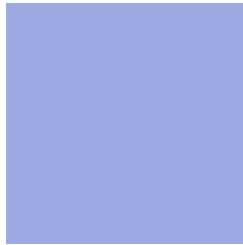
9.6207, 0.6142, 0.3157



0.7229, 0.5764, 0.2949

Previews

White Background



This preview shows how the Yxy color 41.0901, 0.2599, 0.2545 looks on a white background.

Color Contrast Check

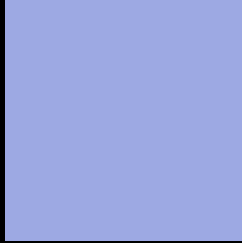
Large Text (above 18pt) WCAG AA × Fail

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 41.0901, 0.2599, 0.2545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

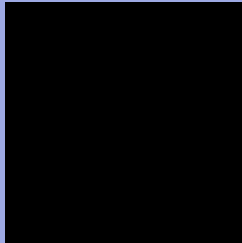
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0901, 0.2599, 0.2545

Background



This preview shows how black text looks on a background with the Yxy color 41.0901, 0.2599, 0.2545.



This preview shows how white text looks on a background with the Yxy color 41.0901, 0.2599, 0.2545.

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

41.0901, 0.2599, 0.2545

Protanopia

40.8905, 0.2585, 0.2542

Deuteranopia

41.1911, 0.2606, 0.2547



Tritanopia

41.1579, 0.2797, 0.3093

Trichromacy



Original Color

41.0901, 0.2599, 0.2545

Protanomaly

40.9899, 0.2592, 0.2544

Deuteranomaly

41.1911, 0.2606, 0.2547

Tritanomaly

40.8743, 0.2725, 0.2881

Monochromacy



Original Color

41.0901, 0.2599, 0.2545

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1471, 0.2924, 0.3006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0901, 0.2599, 0.2545 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(157, 169, 227)` looks like.

```
.text, #text, p{  
    color:rgb(157, 169, 227)  
}
```

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(157, 169, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 169, 227) }
```

Border

The CSS property to change the border of an element to Yxy 41.0901, 0.2599, 0.2545 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(157, 169, 227) }
```

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

```
.border{ border-color:rgb(157, 169, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 169, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 169, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 169, 227);  
box-shadow:4px 4px 4px 4px rgb(157, 169,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0901, 0.2599, 0.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 169, 227) }
```

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

```
.background{ background-color: rgb(157,  
169, 227) }
```

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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