

Converting Colors

$Y_{xy}(41.1898, 0.2569, 0.2621)$

Have a look what the booklet for
Yxy(41.1898, 0.2569, 0.2621)
contains.

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Color

Yxy(41.1287, 0.2565, 0.2619)

Conversions

Conversions Part 1

Format	Color
Hex	94ACDF
RGB	148, 172, 223
RGB Percent	58%, 67%, 87%
CMY	0.4197, 0.3254, 0.1255
CMYK	0.34, 0.23, 0.00, 0.13
HSL	221°, 54%, 73%
HSV	221°, 34%, 87%
XYZ	40.2807, 41.1287, 75.6303
YIQ	170.6380, -30.6750, 10.7730

Conversions

Conversions Part 2

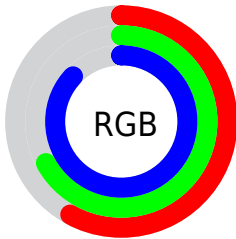
Format	Color
R _Y B	148, 166, 223
Decimal	9743583
CIE Lab	70.27, 3.73, -28.39
CIE LCh	70, 28.633, 277.490
Yxy	41.1287, 0.2565, 0.2619
Android (android.graphics.Color)	4287933663 (0xFF94ACDF)
YUV	170.6380, 25.8145, -19.8535
Hunter-Lab	64.1317, -0.1157, -25.0284

Details

The Yxy color **41.1287, 0.2565, 0.2619** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.6569, 0.3716, 0.3879**, and the grayscale version is **40.4121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9955, 0.2808, 0.2990**, and **18.6930, 0.2407, 0.2432** is the 20% darker color. If you saturate the color by 10%, you get **33.8034, 0.2383, 0.2376**, and if you desaturate by 10%, it is **49.5157, 0.2743, 0.2844**.

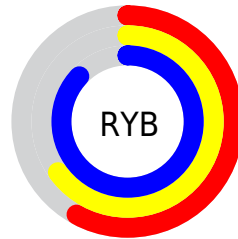
Distribution



Red (58%)

Green (67%)

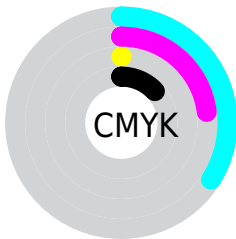
Blue (87%)



Red (58%)

Yellow (65%)

Blue (87%)

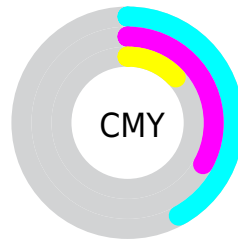


Cyan (34%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (42%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1287, 0.2565, 0.2619 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 41.1287, 0.2565, 0.2619 by changing the saturation by 10% instead.

■ 41.1287, 0.2565,
0.2619

■ 41.1287, 0.2565,
0.2619

350.8582, 0.2847,
0.2952

■ 28.4197, 0.2495,
0.2538

■ 76.8792, 0.2667,
0.2739

■ 18.6422, 0.2406,
0.2435

■ 100.6895, 0.2706,
0.2784

■ 11.4121, 0.2289,
0.2301

128.9690, 0.2738,
0.2823

■ 6.3447, 0.2129,
0.2119

162.1021, 0.2766,
0.2856

■ 3.0558, 0.1901,
0.1863

200.4731, 0.2791,
0.2884

■ 1.1609, 0.1555,
0.1485

244.4666, 0.2812,

■ 0.0294, 0.0459,

0.2910

0.0113

294.4668, 0.2830,
0.2932

0.0000, 0.0000,
0.0000

41.1287, 0.2565,
0.2619

41.1287, 0.2565,
0.2619

33.8034, 0.2383,
0.2376

49.5157, 0.2743,
0.2844

27.4900, 0.2204,
0.2120

59.0018, 0.2913,
0.3047

22.1414, 0.2034,
0.1857

69.6284, 0.3072,
0.3229

17.7043, 0.1883,
0.1600

81.4331, 0.3219,
0.3390

14.1196, 0.1757,
0.1358

93.5936, 0.3324,
0.3533

■ 11.3188, 0.1663,
0.1144

■ 98.1080, 0.3315,
0.3601

■ 9.8914, 0.1619,
0.1026

Harmonies

Analogous

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



41.1287, 0.2382, 0.2741



41.1287, 0.2565, 0.2619



41.1287, 0.2901, 0.2661

Triad

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



41.1287, 0.2565, 0.2619



41.1287, 0.3936, 0.3467



41.1287, 0.2899, 0.3806

Complementary

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



41.1287, 0.2565, 0.2619



58.6569, 0.3716, 0.3879

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.



41.1287, 0.3312, 0.4024



41.1287, 0.2565, 0.2619



41.1287, 0.3925, 0.3785

Square

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



41.1287, 0.2565, 0.2619



41.1287, 0.3711, 0.3131



41.1287, 0.3690, 0.4002



41.1287, 0.2563, 0.3422

Rectangle

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



41.1287, 0.2565, 0.2619



41.1287, 0.3179, 0.2769



41.1287, 0.3690, 0.4002



41.1287, 0.3033, 0.3904

Sweetspot

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



41.1303, 0.2565, 0.2619



84.9173, 0.2971, 0.3115



63.1481, 0.2788, 0.3609



17.7496, 0.2948, 0.3088



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.



41.1303, 0.2565, 0.2619



48.9749, 0.2444, 0.2459



34.0216, 0.2621, 0.2316



13.9566, 0.2981, 0.3126



5.9970, 0.1626, 0.1053



0.5737, 0.1712, 0.1362

Inverse Universe

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



39.8385, 0.3658, 0.3007



47.5740, 0.3811, 0.2950



68.6902, 0.3536, 0.4155



13.7726, 0.3242, 0.3215



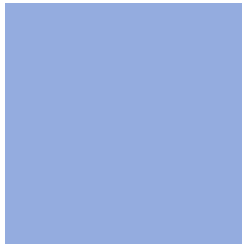
9.5134, 0.5680, 0.2903



0.6754, 0.5242, 0.2661

Previews

White Background



This preview shows how the Yxy color 41.1287, 0.2565, 0.2619 looks on a white background.

Color Contrast Check

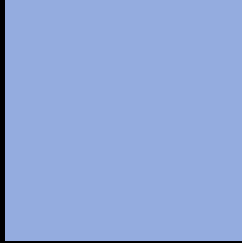
Large Text (above 18pt) WCAG AA × Fail

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 41.1287, 0.2565, 0.2619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

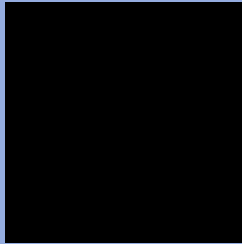
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

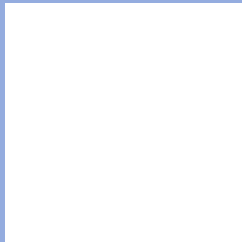
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1287, 0.2565, 0.2619

Background



This preview shows how black text looks on a background with the Yxy color 41.1287, 0.2565, 0.2619.



This preview shows how white text looks on a background with the Yxy color 41.1287, 0.2565, 0.2619.

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

41.1287, 0.2565, 0.2619

Protanopia

41.2390, 0.2646, 0.2628

Deuteranopia

41.2313, 0.2640, 0.2583



Tritanopia

41.3093, 0.2725, 0.3091

Trichromacy



Original Color

41.1287, 0.2565, 0.2619

Protanomaly

41.2698, 0.2612, 0.2624

Deuteranomaly

41.1992, 0.2612, 0.2591

Tritanomaly

41.2918, 0.2670, 0.2917

Monochromacy



Original Color

41.1287, 0.2565, 0.2619

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6301, 0.2905, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1287, 0.2565, 0.2619 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(148, 172, 223)` looks like.

```
.text, #text, p{  
    color:rgb(148, 172, 223)  
}
```

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(148, 172, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 172, 223) }
```

Border

The CSS property to change the border of an element to Yxy 41.1287, 0.2565, 0.2619 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(148, 172, 223) }
```

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

```
.border{ border-color:rgb(148, 172, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 172, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 172, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 172, 223);  
box-shadow:4px 4px 4px 4px rgb(148, 172,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1287, 0.2565, 0.2619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 172, 223) }
```

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

```
.background{ background-color: rgb(148,  
172, 223) }
```

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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