

Converting Colors

$Yxy(41.2125, 0.2655, 0.2902)$

Have a look what the booklet for
Yxy(41.2125, 0.2655, 0.2902)
contains.

Yxy(41.2499, 0.2657, 0.2903)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.2499, 0.2657, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	8FB0CC
RGB	143, 176, 204
RGB Percent	56%, 69%, 80%
CMY	0.4391, 0.3098, 0.2001
CMYK	0.30, 0.14, 0.00, 0.20
HSL	208°, 37%, 68%
HSV	208°, 30%, 80%
XYZ	37.7544, 41.2499, 63.0898
YIQ	169.3250, -28.6560, 1.7120

Conversions

Conversions Part 2

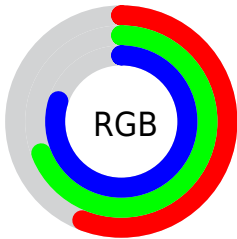
Format	Color
R _Y B	143, 164, 204
Decimal	9416908
CIE Lab	70.35, -4.65, -17.86
CIE LCh	70, 18.452, 255.391
Yxy	41.2499, 0.2657, 0.2903
Android (android.graphics.Color)	4287606988 (0xFF8FB0CC)
YUV	169.3250, 17.0948, -23.0870
Hunter-Lab	64.2261, -7.4670, -13.2827

Details

The Yxy color **41.2499, 0.2657, 0.2903** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **43.9528, 0.3686, 0.3647**, and the grayscale version is **39.7729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9390, 0.2776, 0.3042**, and **18.8415, 0.2524, 0.2793** is the 20% darker color. If you saturate the color by 10%, you get **36.0458, 0.2498, 0.2748**, and if you desaturate by 10%, it is **47.0417, 0.2817, 0.3046**.

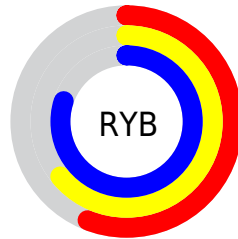
Distribution



Red (56%)

Green (69%)

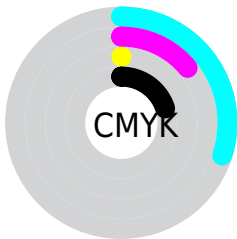
Blue (80%)



Red (56%)

Yellow (64%)

Blue (80%)

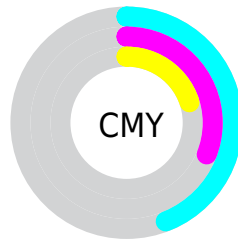


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (20%)



Cyan (44%)

Magenta (31%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2499, 0.2657, 0.2903 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 41.2499, 0.2657, 0.2903 by changing the saturation by 10% instead.

■ 41.2499, 0.2657,
0.2903

■ 41.2499, 0.2657,
0.2903

■ 351.3640, 0.2893,
0.3101

■ 28.5144, 0.2598,
0.2853

■ 77.0631, 0.2743,
0.2976

■ 18.7138, 0.2522,
0.2788

■ 100.9096, 0.2775,
0.3003

■ 11.4636, 0.2422,
0.2700

■ 129.2286, 0.2802,
0.3025

■ 6.3796, 0.2283,
0.2578

■ 162.4044, 0.2826,
0.3045

■ 3.0772, 0.2078,
0.2393

■ 200.8214, 0.2846,
0.3062

■ 1.1722, 0.1753,
0.2091

■ 244.8641, 0.2864,

■ 0.0388, 0.0000,

0.3076

0.0284

294.9168, 0.2879,
0.3089

0.0000, 0.0000,
0.0000

41.2499, 0.2657,
0.2903

41.2499, 0.2657,
0.2903

36.0458, 0.2498,
0.2748

47.0417, 0.2817,
0.3046

31.4016, 0.2345,
0.2583

53.4380, 0.2975,
0.3175

27.2939, 0.2201,
0.2409

60.4605, 0.3129,
0.3291

23.6955, 0.2072,
0.2230

68.1285, 0.3276,
0.3395

20.5759, 0.1962,
0.2051

76.4603, 0.3416,
0.3487

■ 17.8997, 0.1875,
0.1876

■ 83.4425, 0.3472,
0.3574

■ 15.6065, 0.1808,
0.1708

■ 88.8629, 0.3454,
0.3665

■ 15.5810, 0.1807,
0.1706

■ 94.5686, 0.3437,
0.3753

■ 97.1390, 0.3430,
0.3790

Harmonies

Analogous

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



41.2499, 0.2623, 0.3070



41.2499, 0.2657, 0.2903



41.2499, 0.2811, 0.2844

Triad

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



41.2499, 0.2657, 0.2903



41.2499, 0.3552, 0.3249



41.2499, 0.3182, 0.3729

Complementary

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



41.2499, 0.2657, 0.2903



43.9528, 0.3686, 0.3647

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.



41.2499, 0.3438, 0.3764



41.2499, 0.2657, 0.2903



41.2499, 0.3659, 0.3474

Square

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



41.2499, 0.2657, 0.2903



41.2499, 0.3327, 0.3041



41.2499, 0.3615, 0.3665



41.2499, 0.2919, 0.3559

Rectangle

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



41.2499, 0.2657, 0.2903



41.2499, 0.2966, 0.2867



41.2499, 0.3615, 0.3665



41.2499, 0.3272, 0.3757

Sweetspot

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



41.2515, 0.2657, 0.2903



89.3641, 0.2987, 0.3184



51.9416, 0.2908, 0.3755



18.7771, 0.2964, 0.3166



0.0000, 0.0000, 0.0000



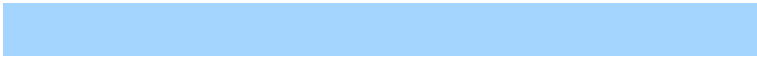
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.2515, 0.2657, 0.2903



62.5404, 0.2552, 0.2802



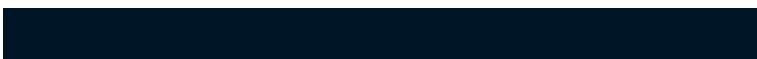
30.7837, 0.2609, 0.2470



11.8323, 0.2983, 0.3181



9.9965, 0.1814, 0.1729



0.6665, 0.1906, 0.2061

Inverse Universe

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



35.6244, 0.3435, 0.2875



52.3219, 0.3527, 0.2781



56.5644, 0.3584, 0.3996



11.3135, 0.3207, 0.3165



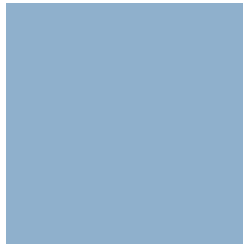
8.8121, 0.4771, 0.2402



0.4698, 0.4384, 0.2189

Previews

White Background



This preview shows how the Yxy color 41.2499, 0.2657, 0.2903 looks on a white background.

Color Contrast Check

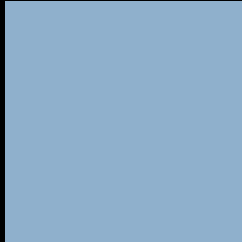
Large Text (above 18pt) WCAG AA × Fail

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 41.2499, 0.2657, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

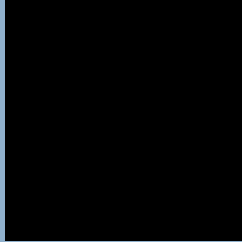
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

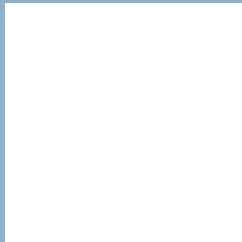
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2499, 0.2657, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 41.2499, 0.2657, 0.2903.



This preview shows how white text looks on a background with the Yxy color 41.2499, 0.2657, 0.2903.

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

41.2499, 0.2657, 0.2903

Protanopia

41.0266, 0.2854, 0.2890

Deuteranopia

41.1194, 0.2849, 0.2794



Tritanopia

41.2220, 0.2718, 0.3090

Trichromacy



Original Color

41.2499, 0.2657, 0.2903

Protanomaly

40.9912, 0.2785, 0.2897

Deuteranomaly

41.1107, 0.2779, 0.2836

Tritanomaly

41.0925, 0.2697, 0.3022

Monochromacy



Original Color

41.2499, 0.2657, 0.2903

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.3560, 0.2942, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2499, 0.2657, 0.2903 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(143, 176, 204)` looks like.

```
.text, #text, p{  
    color:rgb(143, 176, 204)  
}
```

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(143, 176, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 176, 204) }
```

Border

The CSS property to change the border of an element to Yxy 41.2499, 0.2657, 0.2903 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(143, 176, 204) }
```

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

```
.border{ border-color:rgb(143, 176, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 176, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 176, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 176, 204); box-shadow:4px 4px 4px 4px rgb(143, 176, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2499, 0.2657, 0.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 176, 204) }
```

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

```
.background{ background-color: rgb(143,  
176, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor