

Converting Colors

$Yxy(43.4355, 0.2756, 0.2946)$

Have a look what the booklet for
Yxy(43.4355, 0.2756, 0.2946)
contains.

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Color

Yxy(43.2683, 0.2754, 0.2941)

Conversions

Conversions Part 1

Format	Color
Hex	9CB2CC
RGB	156, 178, 204
RGB Percent	61%, 70%, 80%
CMY	0.3885, 0.3019, 0.2000
CMYK	0.24, 0.13, 0.00, 0.20
HSL	212°, 32%, 71%
HSV	212°, 24%, 80%
XYZ	40.5171, 43.2683, 63.3356
YIQ	174.3860, -21.4580, 3.4220

Conversions

Conversions Part 2

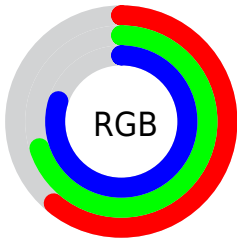
Format	Color
R _{YB}	156, 171, 204
Decimal	10269388
CIE _{Lab}	71.74, -1.87, -15.68
CIE _{LCh}	72, 15.794, 263.188
Yxy	43.2683, 0.2754, 0.2941
Android (android.graphics.Color)	4288459468 (0xFF9CB2CC)
YUV	174.3860, 14.5997, -16.1245
Hunter-Lab	65.7786, -5.1634, -11.0429

Details

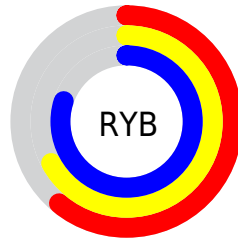
The Yxy color **43.2683, 0.2754, 0.2941** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.6431, 0.3538, 0.3616**, and the grayscale version is **42.4621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9145, 0.2855, 0.3069**, and **19.8123, 0.2647, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **37.1932, 0.2588, 0.2766**, and if you desaturate by 10%, it is **50.0408, 0.2917, 0.3100**.

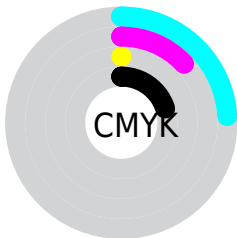
Distribution



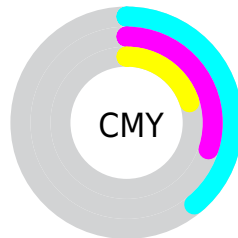
- Red (61%)
- Green (70%)
- Blue (80%)



- Red (61%)
- Yellow (67%)
- Blue (80%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (20%)



- Cyan (39%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2683, 0.2754, 0.2941 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 43.2683, 0.2754, 0.2941 by changing the saturation by 10% instead.

■ 43.2683, 0.2754,
0.2941

■ 43.2683, 0.2754,
0.2941

359.7140, 0.2941,
0.3117

■ 30.0957, 0.2707,
0.2897

■ 80.1156, 0.2822,
0.3005

■ 19.9112, 0.2648,
0.2840

■ 104.5590, 0.2847,
0.3029

■ 12.3305, 0.2568,
0.2764

133.5282, 0.2869,
0.3050

■ 6.9692, 0.2458,
0.2658

167.4075, 0.2888,
0.3067

■ 3.4428, 0.2295,
0.2501

206.5814, 0.2904,
0.3082

■ 1.3671, 0.2034,
0.2244

251.4341, 0.2918,

■ 0.1923, 0.0817,

0.3095

0.1147

302.3502, 0.2930,
0.3107

0.0000, 0.0000,
0.0000

43.2683, 0.2754,
0.2941

43.2683, 0.2754,
0.2941

37.1932, 0.2588,
0.2766

50.0408, 0.2917,
0.3100

31.7851, 0.2422,
0.2577

57.5294, 0.3073,
0.3243

27.0185, 0.2261,
0.2376

65.7583, 0.3222,
0.3370

22.8642, 0.2111,
0.2167

74.7490, 0.3361,
0.3483

19.2901, 0.1977,
0.1956

83.9647, 0.3470,
0.3583

■ 16.2601, 0.1864,
0.1750

■ 90.4039, 0.3450,
0.3689

■ 13.7322, 0.1777,
0.1554

■ 97.1391, 0.3430,
0.3790

■ 12.3291, 0.1732,
0.1435

Harmonies

Analogous

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



43.2683, 0.2697, 0.3062



43.2683, 0.2754, 0.2941



43.2683, 0.2909, 0.2914

Triad

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



43.2683, 0.2754, 0.2941



43.2683, 0.3519, 0.3307



43.2683, 0.3115, 0.3629

Complementary

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



43.2683, 0.2754, 0.2941



48.6431, 0.3538, 0.3616

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.



43.2683, 0.3339, 0.3692



43.2683, 0.2754, 0.2941



43.2683, 0.3577, 0.3495

Square

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



43.2683, 0.2754, 0.2941



43.2683, 0.3352, 0.3122



43.2683, 0.3509, 0.3638



43.2683, 0.2900, 0.3465

Rectangle

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



43.2683, 0.2754, 0.2941



43.2683, 0.3050, 0.2949



43.2683, 0.3509, 0.3638



43.2683, 0.3192, 0.3663

Sweetspot

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



43.2700, 0.2754, 0.2941



90.7720, 0.3019, 0.3194



53.6001, 0.2925, 0.3589



19.2648, 0.3009, 0.3186



0.0000, 0.0000, 0.0000



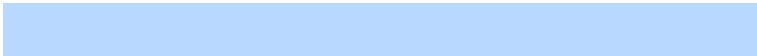
21.4041, 0.3127, 0.3290

Same Dimension

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



43.2700, 0.2754, 0.2941



66.6943, 0.2674, 0.2859



35.3309, 0.2743, 0.2634



11.6798, 0.2983, 0.3162



7.9428, 0.1739, 0.1460



0.5610, 0.1843, 0.1834

Inverse Universe

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



39.8021, 0.3393, 0.3014



60.3553, 0.3463, 0.2954



58.1891, 0.3466, 0.3876



11.2981, 0.3219, 0.3184



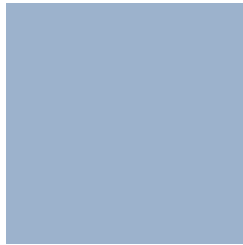
8.6048, 0.5111, 0.2589



0.4592, 0.4645, 0.2332

Previews

White Background



This preview shows how the Yxy color 43.2683, 0.2754, 0.2941 looks on a white background.

Color Contrast Check

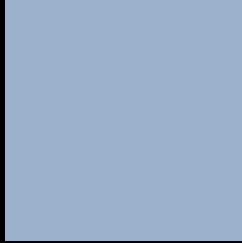
Large Text (above 18pt) WCAG AA × Fail

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 43.2683, 0.2754, 0.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

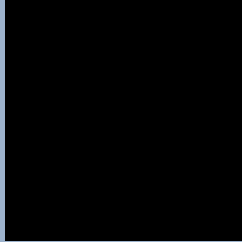
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

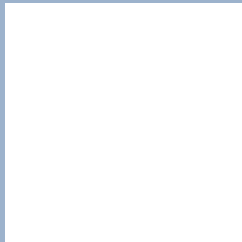
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2683, 0.2754, 0.2941

Background



This preview shows how black text looks on a background with the Yxy color 43.2683, 0.2754, 0.2941.



This preview shows how white text looks on a background with the Yxy color 43.2683, 0.2754, 0.2941.

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

43.2683, 0.2754, 0.2941

Protanopia

43.1471, 0.2890, 0.2936

Deuteranopia

42.9986, 0.2916, 0.2854



Tritanopia

43.4076, 0.2811, 0.3098

Trichromacy



Original Color

43.2683, 0.2754, 0.2941

Protanomaly

43.0312, 0.2843, 0.2933

Deuteranomaly

43.2259, 0.2853, 0.2885

Tritanomaly

43.2860, 0.2789, 0.3031

Monochromacy



Original Color

43.2683, 0.2754, 0.2941

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3782, 0.2979, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2683, 0.2754, 0.2941 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(156, 178, 204)` looks like.

```
.text, #text, p{  
    color:rgb(156, 178, 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(156, 178, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 178, 204) }
```

Border

The CSS property to change the border of an element to Yxy 43.2683, 0.2754, 0.2941 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(156, 178, 204) }
```

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

```
.border{ border-color:rgb(156, 178, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 178, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 178, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 178, 204);  
box-shadow:4px 4px 4px 4px rgb(156, 178,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2683, 0.2754, 0.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 178, 204) }
```

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

```
.background{ background-color: rgb(156,  
178, 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](#).

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