

Converting Colors

$Yxy(43.6753, 0.2773, 0.2983)$

Have a look what the booklet for
Yxy(43.6753, 0.2773, 0.2983)
contains.

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Color

Yxy(43.5724, 0.2769, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	9CB3CA
RGB	156, 179, 202
RGB Percent	61%, 70%, 79%
CMY	0.3883, 0.2980, 0.2078
CMYK	0.23, 0.11, 0.00, 0.21
HSL	210°, 30%, 70%
HSV	210°, 23%, 79%
XYZ	40.4872, 43.5724, 62.1565
YIQ	174.7450, -21.0910, 2.2770

Conversions

Conversions Part 2

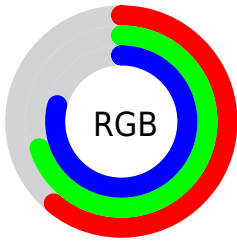
Format	Color
R _Y B	156, 171, 202
Decimal	10269642
CIE Lab	71.94, -2.85, -14.29
CIE LCh	72, 14.568, 258.719
Yxy	43.5724, 0.2769, 0.2980
Android (android.graphics.Color)	4288459722 (0xFF9CB3CA)
YUV	174.7450, 13.4367, -16.4394
Hunter-Lab	66.0094, -6.0324, -9.6227

Details

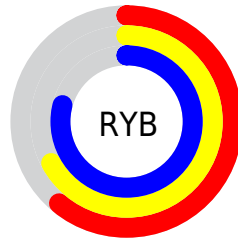
The Yxy color **43.5724, 0.2769, 0.2980** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.1840, 0.3527, 0.3581**, and the grayscale version is **42.6672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4855, 0.2856, 0.3080**, and **20.0029, 0.2667, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **37.8258, 0.2606, 0.2820**, and if you desaturate by 10%, it is **49.9537, 0.2930, 0.3125**.

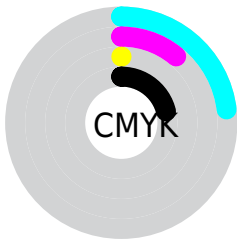
Distribution



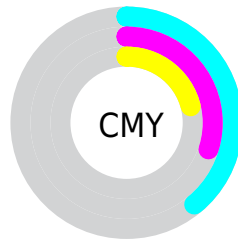
- Red (61%)
- Green (70%)
- Blue (79%)



- Red (61%)
- Yellow (67%)
- Blue (79%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)




- Cyan (39%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5724, 0.2769, 0.2980 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 43.5724, 0.2769, 0.2980 by changing the saturation by 10% instead.


 43.5724, 0.2769,
0.2980


 43.5724, 0.2769,
0.2980


360.9605, 0.2948,
0.3137

 30.3345, 0.2724,
0.2940


 80.5739, 0.2834,
0.3037

 20.0926, 0.2667,
0.2890


 105.1063, 0.2859,
0.3059

 12.4624, 0.2591,
0.2821


134.1723, 0.2879,
0.3077

 7.0594, 0.2485,
0.2726

168.1564, 0.2897,
0.3092

 3.4993, 0.2329,
0.2583

207.4428, 0.2912,
0.3106

 1.3976, 0.2078,
0.2349

252.4160, 0.2926,

 0.2150, 0.0838,

0.3117

0.1337

303.4605, 0.2938,
0.3128

0.0000, 0.0000,
0.0000

43.5724, 0.2769,
0.2980

43.5724, 0.2769,
0.2980

37.8258, 0.2606,
0.2820

49.9537, 0.2930,
0.3125

32.6857, 0.2444,
0.2647

56.9859, 0.3085,
0.3256

28.1294, 0.2288,
0.2463

64.6912, 0.3233,
0.3373

24.1304, 0.2142,
0.2272

73.0889, 0.3374,
0.3476

20.6597, 0.2013,
0.2076

81.8209, 0.3491,
0.3568

■ 17.6845, 0.1904,
0.1883

■ 87.5836, 0.3471,
0.3666

■ 15.1668, 0.1819,
0.1697

■ 93.6765, 0.3452,
0.3761

■ 13.5907, 0.1769,
0.1569

■ 97.0445, 0.3442,
0.3810

Harmonies

Analogous

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



43.5724, 0.2731, 0.3104



43.5724, 0.2769, 0.2980



43.5724, 0.2900, 0.2941

Triad

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



43.5724, 0.2769, 0.2980



43.5724, 0.3470, 0.3279



43.5724, 0.3148, 0.3617

Complementary

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



43.5724, 0.2769, 0.2980



47.1840, 0.3527, 0.3581

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.



43.5724, 0.3350, 0.3658



43.5724, 0.2769, 0.2980



43.5724, 0.3540, 0.3455

Square

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



43.5724, 0.2769, 0.2980



43.5724, 0.3305, 0.3112



43.5724, 0.3495, 0.3596



43.5724, 0.2945, 0.3478

Rectangle

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



43.5724, 0.2769, 0.2980



43.5724, 0.3026, 0.2965



43.5724, 0.3495, 0.3596



43.5724, 0.3218, 0.3642

Sweetspot

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



43.5742, 0.2769, 0.2980



91.2126, 0.3019, 0.3202



52.5323, 0.2947, 0.3610



19.3668, 0.3009, 0.3194



0.0000, 0.0000, 0.0000



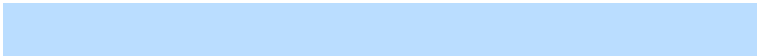
21.4041, 0.3127, 0.3290

Same Dimension

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



43.5742, 0.2769, 0.2980



69.1835, 0.2694, 0.2909



35.3557, 0.2745, 0.2668



11.7561, 0.2983, 0.3171



8.9232, 0.1776, 0.1593



0.6122, 0.1874, 0.1947

Inverse Universe

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



39.5802, 0.3364, 0.3000



61.6406, 0.3425, 0.2939



56.8414, 0.3470, 0.3845



11.3058, 0.3213, 0.3175



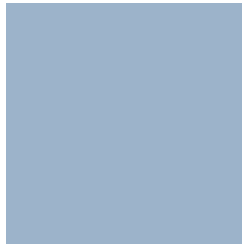
8.7038, 0.4940, 0.2495



0.4643, 0.4513, 0.2260

Previews

White Background



This preview shows how the Yxy color 43.5724, 0.2769, 0.2980 looks on a white background.

Color Contrast Check

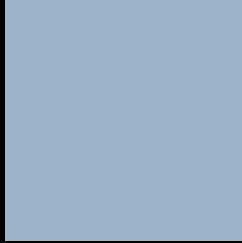
Large Text (above 18pt) WCAG AA × Fail

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 43.5724, 0.2769, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

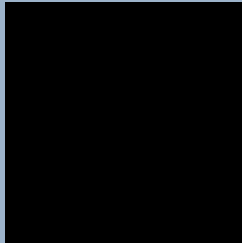
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

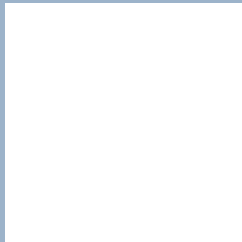
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5724, 0.2769, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 43.5724, 0.2769, 0.2980.



This preview shows how white text looks on a background with the Yxy color 43.5724, 0.2769, 0.2980.

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

43.5724, 0.2769, 0.2980

Protanopia

43.5541, 0.2913, 0.2975

Deuteranopia

43.5680, 0.2941, 0.2881



Tritanopia

43.5512, 0.2811, 0.3085

Trichromacy



Original Color

43.5724, 0.2769, 0.2980

Protanomaly

43.3278, 0.2858, 0.2971

Deuteranomaly

43.6297, 0.2876, 0.2924

Tritanomaly

43.6883, 0.2790, 0.3045

Monochromacy



Original Color

43.5724, 0.2769, 0.2980

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8783, 0.2987, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5724, 0.2769, 0.2980 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, 179, 202)` looks like.

```
.text, #text, p{  
    color:rgb(156, 179, 202)  
}
```

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, 179, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 179, 202) }
```

Border

The CSS property to change the border of an element to Yxy 43.5724, 0.2769, 0.2980 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, 179, 202) }
```

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

```
.border{ border-color:rgb(156, 179, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 179, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 179, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 179, 202); box-shadow:4px 4px 4px 4px rgb(156, 179, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5724, 0.2769, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 179, 202) }
```

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

```
.background{ background-color: rgb(156,  
179, 202) }
```

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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