

Converting Colors

$Y_{xy}(43.1518, 0.2741, 0.2760)$

Have a look what the booklet for
Yxy(43.1518, 0.2741, 0.2760)
contains.

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Color

Yxy(43.1777, 0.2743, 0.2760)

Conversions

Conversions Part 1

Format	Color
Hex	A5AED7
RGB	165, 174, 215
RGB Percent	65%, 68%, 84%
CMY	0.3531, 0.3176, 0.1569
CMYK	0.23, 0.19, 0.00, 0.16
HSL	229°, 38%, 75%
HSV	229°, 23%, 84%
XYZ	42.9118, 43.1777, 70.3515
YIQ	175.9830, -18.5250, 10.8430

Conversions

Conversions Part 2

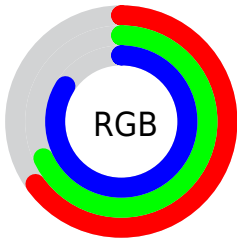
Format	Color
RYB	165, 173, 215
Decimal	10858199
CIELab	71.68, 5.66, -21.74
CIELCh	72, 22.463, 284.601
Yxy	43.1777, 0.2743, 0.2760
Android (android.graphics.Color)	4289048279 (0xFFA5AED7)
YUV	175.9830, 19.2354, -9.6321
Hunter-Lab	65.7097, 1.5774, -17.4814

Details

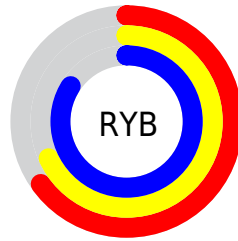
The Yxy color $43.1777, 0.2743, 0.2760$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $61.2724, 0.3498, 0.3769$, and the grayscale version is $43.3100, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6308, 0.2915, 0.3021$, and $19.9019, 0.2632, 0.2621$ is the 20% darker color. If you saturate the color by 10%, you get $34.7005, 0.2555, 0.2489$, and if you desaturate by 10%, it is $52.9378, 0.2918, 0.3006$.

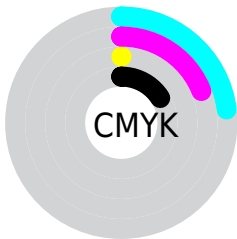
Distribution



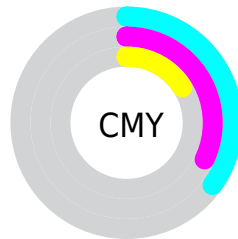
- Red (65%)
- Green (68%)
- Blue (84%)



- Red (65%)
- Yellow (68%)
- Blue (84%)



- Cyan (23%)
- Magenta (19%)
- Yellow (0%)
- Black (16%)



- Cyan (35%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1777, 0.2743, 0.2760 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 43.1777, 0.2743, 0.2760 by changing the saturation by 10% instead.

■ 43.1777, 0.2743,
0.2760

■ 43.1777, 0.2743,
0.2760

■ 359.3420, 0.2936,
0.3022

■ 30.0246, 0.2695,
0.2696

■ 79.9789, 0.2813,
0.2854

■ 19.8572, 0.2633,
0.2615

■ 104.3958, 0.2840,
0.2890

■ 12.2913, 0.2550,
0.2508

■ 133.3361, 0.2862,
0.2920

■ 6.9424, 0.2436,
0.2363

■ 167.1842, 0.2881,
0.2946

■ 3.4261, 0.2269,
0.2154

■ 206.3244, 0.2898,
0.2969

■ 1.3580, 0.2004,
0.1835

■ 251.1412, 0.2912,

■ 0.1855, 0.1290,

0.2989

0.0761

302.0189, 0.2925,
0.3006

0.0000, 0.0000,
0.0000

43.1777, 0.2743,
0.2760

43.1777, 0.2743,
0.2760

34.7005, 0.2555,
0.2489

52.9378, 0.2918,
0.3006

27.4473, 0.2360,
0.2196

64.0263, 0.3078,
0.3224

21.3621, 0.2164,
0.1892

76.4926, 0.3223,
0.3417

16.3824, 0.1977,
0.1588

90.3821, 0.3352,
0.3584

12.4399, 0.1812,
0.1302

97.6855, 0.3364,
0.3681

■ 9.4579, 0.1678,
0.1053

■ 7.3485, 0.1585,
0.0855

■ 6.3493, 0.1543,
0.0754

Harmonies

Analogous

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



43.1777, 0.2565, 0.2830



43.1777, 0.2743, 0.2760



43.1777, 0.3030, 0.2819

Triad

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



43.1777, 0.2743, 0.2760



43.1777, 0.3765, 0.3498



43.1777, 0.2884, 0.3622

Complementary

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



43.1777, 0.2743, 0.2760



61.2724, 0.3498, 0.3769

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.



43.1777, 0.3198, 0.3824



43.1777, 0.2743, 0.2760



43.1777, 0.3716, 0.3730

Square

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



43.1777, 0.2743, 0.2760



43.1777, 0.3632, 0.3231



43.1777, 0.3505, 0.3858



43.1777, 0.2642, 0.3321

Rectangle

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



43.1777, 0.2743, 0.2760



43.1777, 0.3249, 0.2922



43.1777, 0.3505, 0.3858



43.1777, 0.2984, 0.3705

Sweetspot

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



43.1794, 0.2743, 0.2760



87.7939, 0.3019, 0.3144



61.0363, 0.2840, 0.3404



18.5763, 0.3010, 0.3131



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.



43.1794, 0.2743, 0.2760



57.0741, 0.2650, 0.2627



41.6044, 0.2862, 0.2662



12.3684, 0.2982, 0.3093



3.9096, 0.1548, 0.0774



0.3472, 0.1632, 0.1074

Inverse Universe

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



44.3999, 0.3519, 0.3182



59.3841, 0.3632, 0.3157



63.4707, 0.3352, 0.3892



12.4571, 0.3263, 0.3248



8.7395, 0.6112, 0.3141



0.5384, 0.5649, 0.2885

Previews

White Background



This preview shows how the Yxy color 43.1777, 0.2743, 0.2760 looks on a white background.

Color Contrast Check

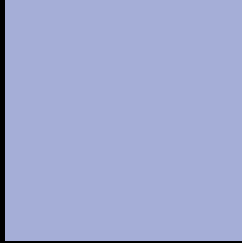
Large Text (above 18pt) WCAG AA × Fail

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 43.1777, 0.2743, 0.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

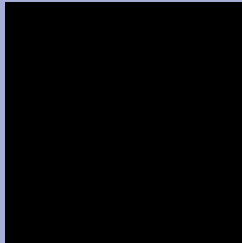
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1777, 0.2743, 0.2760

Background



This preview shows how black text looks on a background with the Yxy color 43.1777, 0.2743, 0.2760.



This preview shows how white text looks on a background with the Yxy color 43.1777, 0.2743, 0.2760.

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

43.1777, 0.2743, 0.2760

Protanopia

43.2854, 0.2751, 0.2761

Deuteranopia

43.1820, 0.2795, 0.2741



Tritanopia

43.2236, 0.2878, 0.3100

Trichromacy



Original Color

43.1777, 0.2743, 0.2760

Protanomaly

43.2854, 0.2751, 0.2761

Deuteranomaly

43.2285, 0.2773, 0.2751

Tritanomaly

43.2958, 0.2827, 0.2982

Monochromacy



Original Color

43.1777, 0.2743, 0.2760

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.1483, 0.2982, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1777, 0.2743, 0.2760 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(165, 174, 215)` looks like.

```
.text, #text, p{  
    color:rgb(165, 174, 215)  
}
```

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(165, 174, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 174, 215) }
```

Border

The CSS property to change the border of an element to Yxy 43.1777, 0.2743, 0.2760 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(165, 174, 215) }
```

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

```
.border{ border-color:rgb(165, 174, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 174, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 174, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 174, 215); box-shadow:4px 4px 4px 4px rgb(165, 174, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1777, 0.2743, 0.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 174, 215) }
```

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

```
.background{ background-color: rgb(165,  
174, 215) }
```

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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