

Converting Colors

$Yxy(43.2669, 0.2762, 0.2709)$

Have a look what the booklet for
Yxy(43.2669, 0.2762, 0.2709)
contains.

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Color

Yxy(43.1131, 0.2759, 0.2704)

Conversions

Conversions Part 1

Format	Color
Hex	AAACDA
RGB	170, 172, 218
RGB Percent	67%, 67%, 85%
CMY	0.3332, 0.3255, 0.1451
CMYK	0.22, 0.21, 0.00, 0.15
HSL	238°, 39%, 76%
HSV	238°, 22%, 85%
XYZ	43.9900, 43.1131, 72.3388
YIQ	176.6460, -15.9580, 13.8820

Conversions

Conversions Part 2

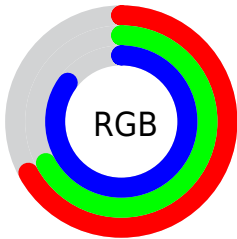
Format	Color
R _{YB}	170, 172, 218
Decimal	11185370
CIE Lab	71.63, 9.04, -23.43
CIE LCh	72, 25.109, 291.096
Yxy	43.1131, 0.2759, 0.2704
Android (android.graphics.Color)	4289375450 (0xFFAAACDA)
YUV	176.6460, 20.3875, -5.8285
Hunter-Lab	65.6606, 4.6821, -19.3579

Details

The Yxy color **43.1131, 0.2759, 0.2704** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **66.9439, 0.3462, 0.3816**, and the grayscale version is **43.6717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3269, 0.2947, 0.3002**, and **19.8592, 0.2652, 0.2549** is the 20% darker color. If you saturate the color by 10%, you get **33.5411, 0.2563, 0.2388**, and if you desaturate by 10%, it is **54.3434, 0.2938, 0.2990**.

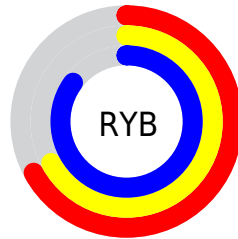
Distribution



Red (67%)

Green (67%)

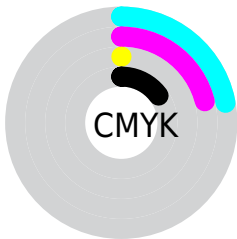
Blue (85%)



Red (67%)

Yellow (67%)

Blue (85%)

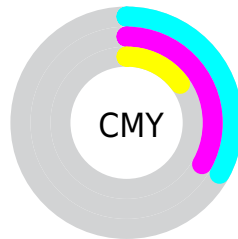


Cyan (22%)

Magenta (21%)

Yellow (0%)

Black (15%)



Cyan (33%)

Magenta (33%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1131, 0.2759, 0.2704 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 43.1131, 0.2759, 0.2704 by changing the saturation by 10% instead.

■ 43.1131, 0.2759,
0.2704

■ 43.1131, 0.2759,
0.2704

■ 359.0767, 0.2945,
0.2991

■ 29.9739, 0.2712,
0.2634

■ 79.8815, 0.2827,
0.2807

■ 19.8188, 0.2652,
0.2546

■ 104.2795, 0.2852,
0.2846

■ 12.2634, 0.2573,
0.2431

■ 133.1991, 0.2874,
0.2879

■ 6.9233, 0.2462,
0.2276

■ 167.0249, 0.2892,
0.2908

■ 3.4142, 0.2299,
0.2056

■ 206.1411, 0.2908,
0.2933

■ 1.3516, 0.2042,
0.1725

■ 250.9322, 0.2922,

■ 0.1806, 0.1455,

0.2955

0.0670

301.7826, 0.2934,
0.2974

0.0000, 0.0000,
0.0000

43.1131, 0.2759,
0.2704

43.1131, 0.2759,
0.2704

33.5411, 0.2563,
0.2388

54.3434, 0.2938,
0.2990

25.5439, 0.2354,
0.2050

67.2998, 0.3097,
0.3243

19.0388, 0.2142,
0.1704

82.0527, 0.3237,
0.3464

13.9332, 0.1941,
0.1371

97.8425, 0.3345,
0.3651

10.1244, 0.1765,
0.1075

■ 7.4955, 0.1629,
0.0842

■ 5.9087, 0.1542,
0.0688

■ 5.2565, 0.1506,
0.0621

Harmonies

Analogous

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



43.1131, 0.2532, 0.2748



43.1131, 0.2759, 0.2704



43.1131, 0.3095, 0.2799

Triad

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



43.1131, 0.2759, 0.2704



43.1131, 0.3847, 0.3580



43.1131, 0.2786, 0.3594

Complementary

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



43.1131, 0.2759, 0.2704



66.9439, 0.3462, 0.3816

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.



43.1131, 0.3126, 0.3857



43.1131, 0.2759, 0.2704



43.1131, 0.3747, 0.3823

Square

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



43.1131, 0.2759, 0.2704



43.1131, 0.3741, 0.3286



43.1131, 0.3479, 0.3936



43.1131, 0.2546, 0.3246

Rectangle

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



43.1131, 0.2759, 0.2704



43.1131, 0.3341, 0.2928



43.1131, 0.3479, 0.3936



43.1131, 0.2892, 0.3698

Sweetspot

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



43.1148, 0.2759, 0.2704



86.3306, 0.3019, 0.3119



63.6348, 0.2816, 0.3318



18.2387, 0.3010, 0.3104



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.



43.1148, 0.2759, 0.2704



55.4447, 0.2678, 0.2574



44.9794, 0.2930, 0.2708



12.7023, 0.2981, 0.3058



3.1870, 0.1508, 0.0627



0.2373, 0.1531, 0.0710

Inverse Universe

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



46.6453, 0.3555, 0.3268



61.3063, 0.3663, 0.3263



64.8431, 0.3292, 0.3867



13.0601, 0.3285, 0.3281



8.9455, 0.6354, 0.3274



0.5826, 0.6216, 0.3198

Previews

White Background



This preview shows how the Yxy color 43.1131, 0.2759, 0.2704 looks on a white background.

Color Contrast Check

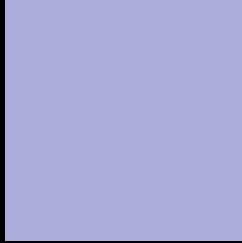
Large Text (above 18pt) WCAG AA × Fail

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 43.1131, 0.2759, 0.2704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

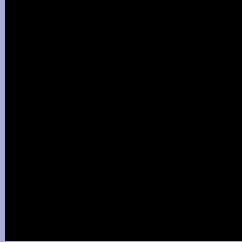
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1131, 0.2759, 0.2704

Background



This preview shows how black text looks on a background with the Yxy color 43.1131, 0.2759, 0.2704.



This preview shows how white text looks on a background with the Yxy color 43.1131, 0.2759, 0.2704.

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

43.1131, 0.2759, 0.2704

Protanopia

43.2791, 0.2709, 0.2712

Deuteranopia

43.2249, 0.2767, 0.2705



Tritanopia

43.2052, 0.2917, 0.3101

Trichromacy



Original Color

43.1131, 0.2759, 0.2704

Protanomaly

43.1086, 0.2723, 0.2701

Deuteranomaly

43.2249, 0.2767, 0.2705

Tritanomaly

43.0925, 0.2858, 0.2946

Monochromacy



Original Color

43.1131, 0.2759, 0.2704

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.4644, 0.2983, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1131, 0.2759, 0.2704 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(170, 172, 218)` looks like.

```
.text, #text, p{  
    color:rgb(170, 172, 218)  
}
```

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(170, 172, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 172, 218) }
```

Border

The CSS property to change the border of an element to Yxy 43.1131, 0.2759, 0.2704 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(170, 172, 218) }
```

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

```
.border{ border-color:rgb(170, 172, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 172, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 172, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 172, 218);  
box-shadow:4px 4px 4px 4px rgb(170, 172,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1131, 0.2759, 0.2704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 172, 218) }
```

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

```
.background{ background-color: rgb(170,  
172, 218) }
```

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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