

Converting Colors

$Yxy(44.7393, 0.2857, 0.2995)$

Have a look what the booklet for
Yxy(44.7393, 0.2857, 0.2995)
contains.

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Color

Yxy(44.7200, 0.2854, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	A7B3CA
RGB	167, 179, 202
RGB Percent	65%, 70%, 79%
CMY	0.3448, 0.2981, 0.2078
CMYK	0.17, 0.11, 0.00, 0.21
HSL	220°, 25%, 72%
HSV	220°, 17%, 79%
XYZ	42.7288, 44.7200, 62.2666
YIQ	178.0340, -14.5350, 4.6090

Conversions

Conversions Part 2

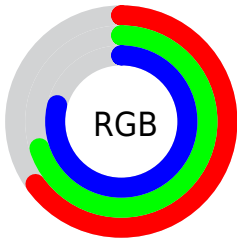
Format	Color
R _Y B	167, 176, 202
Decimal	10990538
CIE Lab	72.71, 0.67, -13.06
CIE LCh	73, 13.082, 272.935
Yxy	44.7200, 0.2854, 0.2987
Android (android.graphics.Color)	4289180618 (0xFFA7B3CA)
YUV	178.0340, 11.8152, -9.6768
Hunter-Lab	66.8730, -2.9745, -8.3949

Details

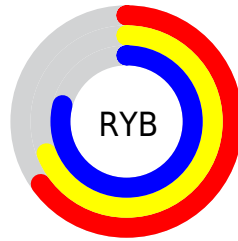
The Yxy color **44.7200, 0.2854, 0.2987** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2213, 0.3408, 0.3576**, and the grayscale version is **44.4883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1663, 0.2923, 0.3084**, and **20.7047, 0.2778, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **37.6088, 0.2683, 0.2784**, and if you desaturate by 10%, it is **52.6939, 0.3016, 0.3170**.

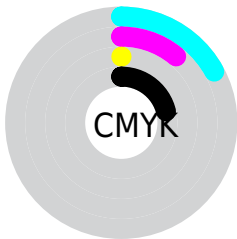
Distribution



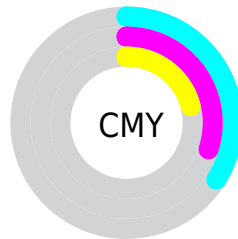
- Red (65%)
- Green (70%)
- Blue (79%)



- Red (65%)
- Yellow (69%)
- Blue (79%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (34%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7200, 0.2854, 0.2987 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 44.7200, 0.2854, 0.2987 by changing the saturation by 10% instead.

■ 44.7200, 0.2854,
0.2987

■ 44.7200, 0.2854,
0.2987

365.6384, 0.2991,
0.3138

■ 31.2369, 0.2820,
0.2949

■ 82.3001, 0.2904,
0.3042

■ 20.7793, 0.2776,
0.2901

■ 107.1659, 0.2922,
0.3063

■ 12.9628, 0.2718,
0.2837

136.5947, 0.2938,
0.3080

■ 7.4029, 0.2636,
0.2747

170.9710, 0.2952,
0.3095

■ 3.7153, 0.2516,
0.2615

210.6791, 0.2963,
0.3108

■ 1.5156, 0.2320,
0.2401

256.1035, 0.2974,

■ 0.2997, 0.1613,

0.3120

0.1605

307.6284, 0.2983,
0.3130

0.0000, 0.0000,
0.0000

44.7200, 0.2854,
0.2987

44.7200, 0.2854,
0.2987

37.6088, 0.2683,
0.2784

52.6939, 0.3016,
0.3170

31.3243, 0.2506,
0.2561

61.5536, 0.3167,
0.3332

25.8360, 0.2328,
0.2322

71.3286, 0.3306,
0.3475

21.1092, 0.2155,
0.2072

82.0450, 0.3434,
0.3600

17.1065, 0.1994,
0.1819

91.1630, 0.3459,
0.3722

■ 13.7864, 0.1853,
0.1571

■ 97.0451, 0.3442,
0.3810

■ 11.1028, 0.1739,
0.1341

■ 8.9973, 0.1655,
0.1139

■ 8.5074, 0.1636,
0.1089

Harmonies

Analogous

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



44.7200, 0.2778, 0.3064



44.7200, 0.2854, 0.2987



44.7200, 0.3003, 0.2989

Triad

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



44.7200, 0.2854, 0.2987



44.7200, 0.3474, 0.3357



44.7200, 0.3058, 0.3530

Complementary

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



44.7200, 0.2854, 0.2987



52.2213, 0.3408, 0.3576

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.



44.7200, 0.3244, 0.3611



44.7200, 0.2854, 0.2987



44.7200, 0.3488, 0.3504

Square

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



44.7200, 0.2854, 0.2987



44.7200, 0.3363, 0.3199



44.7200, 0.3403, 0.3599



44.7200, 0.2893, 0.3379

Rectangle

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



44.7200, 0.2854, 0.2987



44.7200, 0.3126, 0.3034



44.7200, 0.3403, 0.3599



44.7200, 0.3120, 0.3567

Sweetspot

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



44.7218, 0.2854, 0.2987



92.4172, 0.3050, 0.3208



54.1800, 0.2949, 0.3448



19.5597, 0.3039, 0.3196



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.



44.7218, 0.2854, 0.2987



70.7344, 0.2787, 0.2909



40.7327, 0.2890, 0.2831



11.4590, 0.2983, 0.3133



5.6230, 0.1643, 0.1113



0.4305, 0.1754, 0.1516

Inverse Universe

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



43.4749, 0.3348, 0.3141



68.3954, 0.3410, 0.3105



56.8814, 0.3342, 0.3722



11.2758, 0.3237, 0.3211



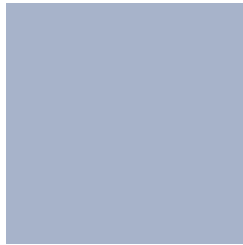
8.3706, 0.5592, 0.2854



0.4460, 0.5039, 0.2550

Previews

White Background



This preview shows how the Yxy color 44.7200, 0.2854, 0.2987 looks on a white background.

Color Contrast Check

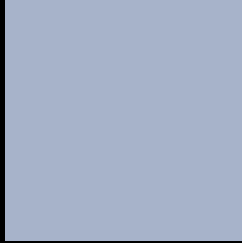
Large Text (above 18pt) WCAG AA × Fail

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 44.7200, 0.2854, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

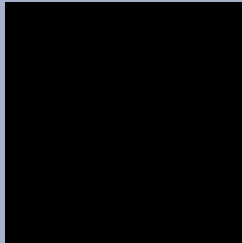
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7200, 0.2854, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 44.7200, 0.2854, 0.2987.



This preview shows how white text looks on a background with the Yxy color 44.7200, 0.2854, 0.2987.

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

44.7200, 0.2854, 0.2987

Protanopia

44.7753, 0.2924, 0.2979

Deuteranopia

44.7742, 0.2982, 0.2923



Tritanopia

44.6896, 0.2897, 0.3090

Trichromacy



Original Color

44.7200, 0.2854, 0.2987

Protanomaly

44.8285, 0.2900, 0.2990

Deuteranomaly

44.8274, 0.2933, 0.2944

Tritanomaly

44.8267, 0.2875, 0.3051

Monochromacy



Original Color

44.7200, 0.2854, 0.2987

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4273, 0.3022, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7200, 0.2854, 0.2987 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(167, 179, 202)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 179, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 179, 202) }
```

Border

The CSS property to change the border of an element to Yxy 44.7200, 0.2854, 0.2987 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(167, 179, 202) }
```

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

```
.border{ border-color:rgb(167, 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(167, 179, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 179, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 179, 202);  
box-shadow:4px 4px 4px 4px rgb(167, 179,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7200, 0.2854, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 179, 202) }
```

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

```
.background{ background-color: rgb(167,  
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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