

Converting Colors

$Y_{xy}(44.0520, 0.2808, 0.2807)$

Have a look what the booklet for
Yxy(44.0520, 0.2808, 0.2807)
contains.

Yxy(44.1220, 0.2804, 0.2803)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.1220, 0.2804, 0.2803)

Conversions

Conversions Part 1

Format	Color
Hex	ABAFD5
RGB	171, 175, 213
RGB Percent	67%, 69%, 84%
CMY	0.3294, 0.3137, 0.1646
CMYK	0.20, 0.18, 0.00, 0.16
HSL	234°, 33%, 75%
HSV	234°, 20%, 84%
XYZ	44.1377, 44.1220, 69.1502
YIQ	178.1360, -14.5820, 10.9700

Conversions

Conversions Part 2

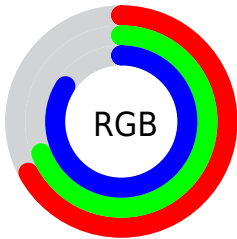
Format	Color
R_{YB}	171, 175, 213
Decimal	11251669
CIE _{Lab}	72.31, 6.55, -19.65
CIE _{LCh}	72, 20.716, 288.422
Yxy	44.1220, 0.2804, 0.2803
Android (android.graphics.Color)	4289441749 (0xFFABAFD5)
YUV	178.1360, 17.1880, -6.2583
Hunter-Lab	66.4244, 2.3672, -15.2259

Details

The Yxy color `44.1220, 0.2804, 0.2803` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `62.7034, 0.3431, 0.3734`, and the grayscale version is `44.5117, 0.3127, 0.3290`.

A 20% lighter version of the original color is `80.1445, 0.2954, 0.3034`, and `20.4861, 0.2712, 0.2681` is the 20% darker color. If you saturate the color by 10%, you get `34.9446, 0.2615, 0.2512`, and if you desaturate by 10%, it is `54.7599, 0.2977, 0.3065`.

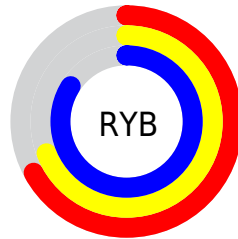
Distribution



Red (67%)

Green (69%)

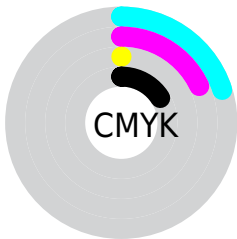
Blue (84%)



Red (67%)

Yellow (69%)

Blue (84%)

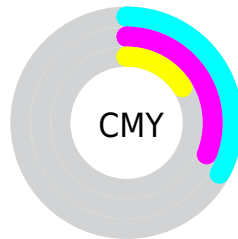


Cyan (20%)

Magenta (18%)

Yellow (0%)

Black (16%)



Cyan (33%)

Magenta (31%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1220, 0.2804, 0.2803 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 44.1220, 0.2804, 0.2803 by changing the saturation by 10% instead.

■ 44.1220, 0.2804,
0.2803

■ 44.1220, 0.2804,
0.2803

363.2059, 0.2967,
0.3043

■ 30.7664, 0.2763,
0.2744

■ 81.4013, 0.2863,
0.2889

■ 20.4211, 0.2711,
0.2670

106.0938, 0.2886,
0.2922

■ 12.7015, 0.2641,
0.2573

135.3341, 0.2904,
0.2950

■ 7.2233, 0.2545,
0.2440

169.5065, 0.2920,
0.2974

■ 3.6021, 0.2402,
0.2249

208.9956, 0.2934,
0.2994

■ 1.4536, 0.2173,
0.1954

254.1855, 0.2947,

■ 0.2557, 0.1619,

0.3013

0.1028

305.4608, 0.2957,
0.3029

0.0000, 0.0000,
0.0000

44.1220, 0.2804,
0.2803

44.1220, 0.2804,
0.2803

34.9446, 0.2615,
0.2512

54.7599, 0.2977,
0.3065

27.1586, 0.2414,
0.2197

66.9126, 0.3131,
0.3296

20.6977, 0.2208,
0.1867

80.6382, 0.3268,
0.3498

15.4875, 0.2008,
0.1540

95.7585, 0.3380,
0.3674

11.4468, 0.1827,
0.1235

97.5849, 0.3375,
0.3701

■ 8.4842, 0.1680,
0.0976

■ 6.4950, 0.1576,
0.0781

■ 5.3365, 0.1517,
0.0659

■ 5.3131, 0.1516,
0.0657

Harmonies

Analogous

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



44.1220, 0.2624, 0.2853



44.1220, 0.2804, 0.2803



44.1220, 0.3076, 0.2871

Triad

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



44.1220, 0.2804, 0.2803



44.1220, 0.3714, 0.3513



44.1220, 0.2871, 0.3561

Complementary

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



44.1220, 0.2804, 0.2803



62.7034, 0.3431, 0.3734

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.



44.1220, 0.3156, 0.3761



44.1220, 0.2804, 0.2803



44.1220, 0.3649, 0.3716

Square

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



44.1220, 0.2804, 0.2803



44.1220, 0.3613, 0.3268



44.1220, 0.3442, 0.3815



44.1220, 0.2661, 0.3283

Rectangle

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



44.1220, 0.2804, 0.2803



44.1220, 0.3278, 0.2974



44.1220, 0.3442, 0.3815



44.1220, 0.2961, 0.3641

Sweetspot

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



44.1238, 0.2804, 0.2803



88.6938, 0.3035, 0.3153



60.8496, 0.2860, 0.3341



18.7317, 0.3025, 0.3137



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.



44.1238, 0.2804, 0.2803



59.7912, 0.2720, 0.2675



44.6027, 0.2937, 0.2771



12.1964, 0.2981, 0.3072



3.3117, 0.1519, 0.0669



0.2663, 0.1572, 0.0860

Inverse Universe

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



46.3737, 0.3479, 0.3243



63.9065, 0.3583, 0.3231



62.3012, 0.3291, 0.3799



12.4398, 0.3276, 0.3268



8.6792, 0.6285, 0.3236



0.5302, 0.5975, 0.3065

Previews

White Background



This preview shows how the Yxy color 44.1220, 0.2804, 0.2803 looks on a white background.

Color Contrast Check

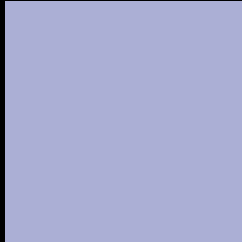
Large Text (above 18pt) WCAG AA × Fail

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 44.1220, 0.2804, 0.2803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

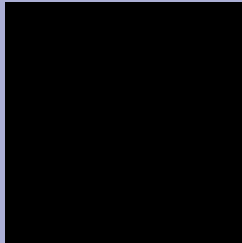
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1220, 0.2804, 0.2803

Background



This preview shows how black text looks on a background with the Yxy color 44.1220, 0.2804, 0.2803.



This preview shows how white text looks on a background with the Yxy color 44.1220, 0.2804, 0.2803.

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

44.1220, 0.2804, 0.2803

Protanopia

44.2898, 0.2789, 0.2814

Deuteranopia

43.9213, 0.2842, 0.2783



Tritanopia

44.3059, 0.2919, 0.3103

Trichromacy



Original Color

44.1220, 0.2804, 0.2803

Protanomaly

44.4008, 0.2797, 0.2815

Deuteranomaly

44.0749, 0.2827, 0.2793

Tritanomaly

44.3358, 0.2875, 0.3000

Monochromacy



Original Color

44.1220, 0.2804, 0.2803

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3198, 0.2999, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1220, 0.2804, 0.2803 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(171, 175, 213)` looks like.

```
.text, #text, p{  
    color:rgb(171, 175, 213)  
}
```

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(171, 175, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 175, 213) }
```

Border

The CSS property to change the border of an element to Yxy 44.1220, 0.2804, 0.2803 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(171, 175, 213) }
```

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

```
.border{ border-color:rgb(171, 175, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 175, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 175, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 175, 213);  
box-shadow:4px 4px 4px 4px rgb(171, 175,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1220, 0.2804, 0.2803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 175, 213) }
```

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

```
.background{ background-color: rgb(171,  
175, 213) }
```

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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