

Converting Colors

Yxy(51.3334, 0.2826, 0.2979)

Have a look what the booklet for
Yxy(51.3334, 0.2826, 0.2979)
contains.

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Color

Yxy(51.3334, 0.2826, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	AFBFD8
RGB	175, 191, 216
RGB Percent	69%, 75%, 85%
CMY	0.3138, 0.2509, 0.1531
CMYK	0.19, 0.12, 0.00, 0.15
HSL	217°, 34%, 77%
HSV	217°, 19%, 85%
XYZ	48.6969, 51.3334, 72.2872
YIQ	189.0660, -17.5610, 4.3830

Conversions

Conversions Part 2

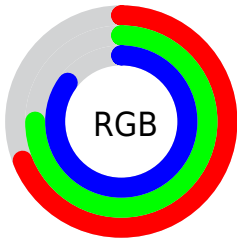
Format	Color
R _Y B	175, 187, 216
Decimal	11517912
CIE Lab	76.88, -0.26, -14.34
CIE LCh	77, 14.337, 268.973
Yxy	51.3334, 0.2826, 0.2979
Android (android.graphics.Color)	4289707992 (0xFFAFBFD8)
YUV	189.0660, 13.2785, -12.3359
Hunter-Lab	71.6473, -4.0607, -9.6664

Details

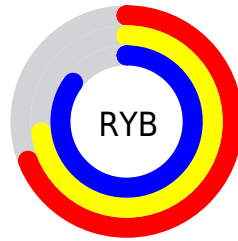
The Yxy color **51.3334, 0.2826, 0.2979** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9653, 0.3444, 0.3583**, and the grayscale version is **50.8569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7305, 0.2981, 0.3210**, and **24.8877, 0.2747, 0.2904** is the 20% darker color. If you saturate the color by 10%, you get **43.5537, 0.2656, 0.2788**, and if you desaturate by 10%, it is **60.0317, 0.2989, 0.3151**.

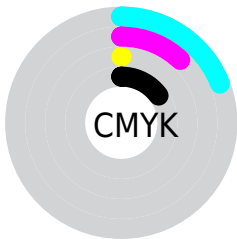
Distribution



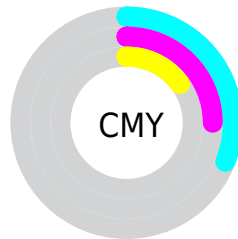
- Red (69%)
- Green (75%)
- Blue (85%)



- Red (69%)
- Yellow (73%)
- Blue (85%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (31%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3334, 0.2826, 0.2979 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 51.3334, 0.2826, 0.2979 by changing the saturation by 10% instead.

■ 51.3334, 0.2826,
0.2979

■ 51.3334, 0.2826,
0.2979

■ 391.8577, 0.2973,
0.3131

■ 36.4740, 0.2790,
0.2942

■ 92.1474, 0.2879,
0.3033

■ 24.8005, 0.2745,
0.2895

■ 118.8708, 0.2899,
0.3054

■ 15.9285, 0.2686,
0.2834

■ 150.3177, 0.2916,
0.3072

■ 9.4736, 0.2606,
0.2751

■ 186.8724, 0.2930,
0.3087

■ 5.0513, 0.2491,
0.2632

■ 228.9194, 0.2943,
0.3100

■ 2.2774, 0.2313,
0.2447

■ 276.8430, 0.2954,

■ 0.7617, 0.1995,

0.3112

0.2118

331.0276, 0.2964,
0.3122

0.0000, 0.0000,
0.0000

51.3334, 0.2826,
0.2979

51.3334, 0.2826,
0.2979

43.5537, 0.2656,
0.2788

60.0317, 0.2989,
0.3151

36.6539, 0.2483,
0.2580

69.6730, 0.3142,
0.3305

30.6015, 0.2310,
0.2356

80.2885, 0.3285,
0.3441

25.3594, 0.2145,
0.2123

90.6792, 0.3374,
0.3564

20.8874, 0.1993,
0.1886

97.7364, 0.3358,
0.3671

■ 17.1408, 0.1861,
0.1653

■ 14.0690, 0.1757,
0.1435

■ 11.6004, 0.1679,
0.1238

■ 11.3750, 0.1672,
0.1219

Harmonies

Analogous

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



51.3334, 0.2759, 0.3069



51.3334, 0.2826, 0.2979



51.3334, 0.2973, 0.2971

Triad

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



51.3334, 0.2826, 0.2979



51.3334, 0.3480, 0.3338



51.3334, 0.3080, 0.3558

Complementary

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



51.3334, 0.2826, 0.2979



58.9653, 0.3444, 0.3583

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.



51.3334, 0.3274, 0.3631



51.3334, 0.2826, 0.2979



51.3334, 0.3510, 0.3495

Square

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



51.3334, 0.2826, 0.2979



51.3334, 0.3353, 0.3174



51.3334, 0.3433, 0.3605



51.3334, 0.2902, 0.3406

Rectangle

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



51.3334, 0.2826, 0.2979



51.3334, 0.3099, 0.3010



51.3334, 0.3433, 0.3605



51.3334, 0.3145, 0.3593

Sweetspot

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



51.3355, 0.2826, 0.2979



91.4136, 0.3035, 0.3198



62.3582, 0.2945, 0.3491



19.3728, 0.3024, 0.3188



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.



51.3355, 0.2826, 0.2979



69.8211, 0.2755, 0.2900



45.1990, 0.2846, 0.2777



12.7977, 0.2982, 0.3144



6.9306, 0.1680, 0.1247



0.5767, 0.1776, 0.1595

Inverse Universe

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



49.0068, 0.3357, 0.3101



66.0281, 0.3421, 0.3057



66.1692, 0.3380, 0.3765



12.5005, 0.3230, 0.3199



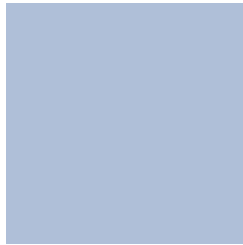
9.0445, 0.5400, 0.2748



0.5615, 0.4937, 0.2494

Previews

White Background



This preview shows how the Yxy color 51.3334, 0.2826, 0.2979 looks on a white background.

Color Contrast Check

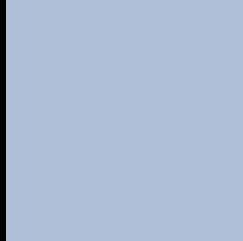
Large Text (above 18pt) WCAG AA × Fail

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 51.3334, 0.2826, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

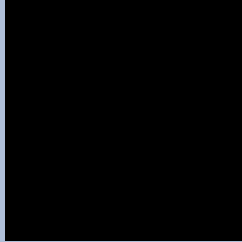
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3334, 0.2826, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 51.3334, 0.2826, 0.2979.



This preview shows how white text looks on a background with the Yxy color 51.3334, 0.2826, 0.2979.

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

51.3334, 0.2826, 0.2979

Protanopia

51.2606, 0.2920, 0.2972

Deuteranopia

51.3098, 0.2968, 0.2907



Tritanopia

51.1376, 0.2866, 0.3087

Trichromacy



Original Color

51.3334, 0.2826, 0.2979

Protanomaly

51.2466, 0.2883, 0.2970

Deuteranomaly

51.2418, 0.2914, 0.2926

Tritanomaly

51.4011, 0.2853, 0.3051

Monochromacy



Original Color

51.3334, 0.2826, 0.2979

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1408, 0.3012, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3334, 0.2826, 0.2979 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(175, 191, 216)` looks like.

```
.text, #text, p{  
    color:rgb(175, 191, 216)  
}
```

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(175, 191, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 191, 216) }
```

Border

The CSS property to change the border of an element to Yxy 51.3334, 0.2826, 0.2979 is called "border". The border property can be set on classes, ids or directly on the HTML element.

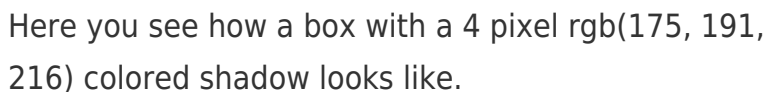
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 191, 216) }
```

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

```
.border{ border-color:rgb(175, 191, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 191, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 191, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 191, 216); box-shadow:4px 4px 4px 4px rgb(175, 191, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3334, 0.2826, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 191, 216) }
```

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

```
.background{ background-color: rgb(175,  
191, 216) }
```

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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