

Converting Colors

$Yxy(50.7101, 0.2804, 0.2808)$

Have a look what the booklet for
Yxy(50.7101, 0.2804, 0.2808)
contains.

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Color

Yxy(50.5539, 0.2807, 0.2806)

Conversions

Conversions Part 1

Format	Color
Hex	B6BAE2
RGB	182, 186, 226
RGB Percent	71%, 73%, 89%
CMY	0.2864, 0.2705, 0.1138
CMYK	0.19, 0.18, 0.00, 0.11
HSL	234°, 43%, 80%
HSV	234°, 19%, 89%
XYZ	50.5719, 50.5539, 79.0378
YIQ	189.3640, -15.2240, 11.5920

Conversions

Conversions Part 2

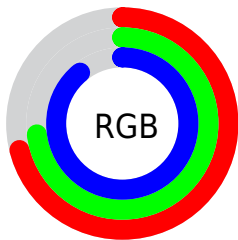
Format	Color
R _Y B	182, 186, 226
Decimal	11975394
CIE Lab	76.41, 6.85, -20.42
CIE LCh	76, 21.538, 288.544
Yxy	50.5539, 0.2807, 0.2806
Android (android.graphics.Color)	4290165474 (0xFFB6BAE2)
YUV	189.3640, 18.0615, -6.4582
Hunter-Lab	71.1013, 2.5338, -16.1372

Details

The Yxy color **50.5539, 0.2807, 0.2806** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.7617, 0.3428, 0.3732**, and the grayscale version is **51.0081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9014, 0.3024, 0.3161**, and **24.3825, 0.2721, 0.2676** is the 20% darker color. If you saturate the color by 10%, you get **39.9865, 0.2617, 0.2513**, and if you desaturate by 10%, it is **62.8117, 0.2980, 0.3069**.

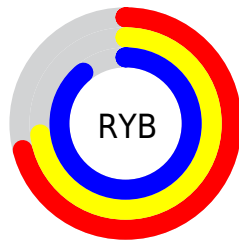
Distribution



Red (71%)

Green (73%)

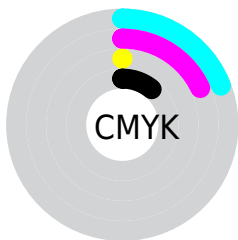
Blue (89%)



Red (71%)

Yellow (73%)

Blue (89%)

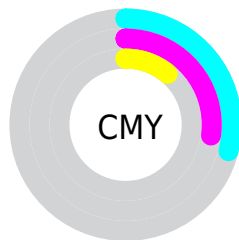


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (27%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5539, 0.2807, 0.2806 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 50.5539, 0.2807, 0.2806 by changing the saturation by 10% instead.

■ 50.5539, 0.2807,
0.2806

■ 50.5539, 0.2807,
0.2806

■ 388.8281, 0.2965,
0.3039

■ 35.8537, 0.2769,
0.2751

■ 90.9950, 0.2864,
0.2889

■ 24.3212, 0.2720,
0.2681

■ 117.5047, 0.2885,
0.2920

■ 15.5721, 0.2656,
0.2592

■ 148.7198, 0.2903,
0.2947

■ 9.2219, 0.2569,
0.2472

■ 185.0245, 0.2919,
0.2971

■ 4.8862, 0.2445,
0.2304

■ 226.8033, 0.2933,
0.2991

■ 2.1806, 0.2253,
0.2054

■ 274.4405, 0.2945,

■ 0.7094, 0.1933,

0.3009

0.1629

328.3207, 0.2955,
0.3025

0.0000, 0.0000,
0.0000

50.5539, 0.2807,
0.2806

50.5539, 0.2807,
0.2806

39.9865, 0.2617,
0.2513

62.8117, 0.2980,
0.3069

31.0292, 0.2415,
0.2196

76.8231, 0.3135,
0.3301

23.6048, 0.2208,
0.1865

92.6555, 0.3272,
0.3504

17.6269, 0.2007,
0.1535

98.2706, 0.3298,
0.3572

13.0006, 0.1825,
0.1229

■ 9.6198, 0.1678,
0.0970

■ 7.3618, 0.1574,
0.0776

■ 6.0647, 0.1517,
0.0656

■ 6.0173, 0.1514,
0.0651

Harmonies

Analogous

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



50.5539, 0.2628, 0.2856



50.5539, 0.2807, 0.2806



50.5539, 0.3078, 0.2874

Triad

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



50.5539, 0.2807, 0.2806



50.5539, 0.3711, 0.3513



50.5539, 0.2872, 0.3558

Complementary

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



50.5539, 0.2807, 0.2806



71.7617, 0.3428, 0.3732

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.



50.5539, 0.3154, 0.3757



50.5539, 0.2807, 0.2806



50.5539, 0.3645, 0.3714

Square

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



50.5539, 0.2807, 0.2806



50.5539, 0.3610, 0.3269



50.5539, 0.3439, 0.3811



50.5539, 0.2664, 0.3282

Rectangle

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



50.5539, 0.2807, 0.2806



50.5539, 0.3278, 0.2976



50.5539, 0.3439, 0.3811



50.5539, 0.2961, 0.3637

Sweetspot

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



50.5560, 0.2807, 0.2806



88.6649, 0.3035, 0.3152



69.5826, 0.2862, 0.3340



18.7249, 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.



50.5560, 0.2807, 0.2806



61.1180, 0.2739, 0.2702



51.1578, 0.2939, 0.2776



13.4445, 0.2981, 0.3070



3.5075, 0.1518, 0.0664



0.3136, 0.1564, 0.0830

Inverse Universe

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



53.1587, 0.3476, 0.3245



65.1495, 0.3560, 0.3236



71.2308, 0.3290, 0.3794



13.7209, 0.3278, 0.3269



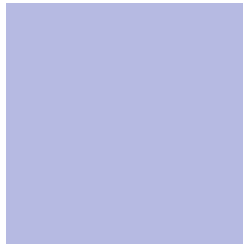
9.2621, 0.6293, 0.3240



0.6491, 0.6022, 0.3091

Previews

White Background



This preview shows how the Yxy color 50.5539, 0.2807, 0.2806 looks on a white background.

Color Contrast Check

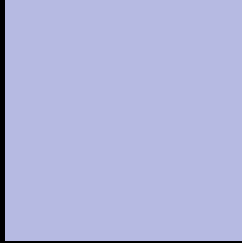
Large Text (above 18pt) WCAG AA × Fail

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 50.5539, 0.2807, 0.2806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

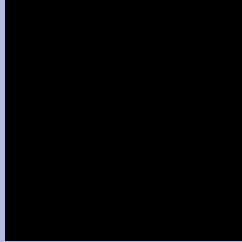
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5539, 0.2807, 0.2806

Background



This preview shows how black text looks on a background with the Yxy color 50.5539, 0.2807, 0.2806.



This preview shows how white text looks on a background with the Yxy color 50.5539, 0.2807, 0.2806.

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

50.5539, 0.2807, 0.2806

Protanopia

50.7349, 0.2793, 0.2816

Deuteranopia

50.4633, 0.2851, 0.2787



Tritanopia

50.6997, 0.2923, 0.3101

Trichromacy



Original Color

50.5539, 0.2807, 0.2806

Protanomaly

50.8554, 0.2801, 0.2817

Deuteranomaly

50.6280, 0.2836, 0.2798

Tritanomaly

50.7830, 0.2875, 0.2991

Monochromacy



Original Color

50.5539, 0.2807, 0.2806

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.6698, 0.3006, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5539, 0.2807, 0.2806 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(182, 186, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 186, 226)  
}
```

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(182, 186, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 186, 226) }
```

Border

The CSS property to change the border of an element to Yxy 50.5539, 0.2807, 0.2806 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(182, 186, 226) }
```

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

```
.border{ border-color:rgb(182, 186, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 186, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 186, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 186, 226); box-shadow:4px 4px 4px 4px rgb(182, 186, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5539, 0.2807, 0.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 186, 226) }
```

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

```
.background{ background-color: rgb(182,  
186, 226) }
```

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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