

Converting Colors

$Y_{xy}(43.6622, 0.2846, 0.2887)$

Have a look what the booklet for
Yxy(43.6622, 0.2846, 0.2887)
contains.

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Color

Yxy(43.6622, 0.2846, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	AAAFCE
RGB	170, 175, 206
RGB Percent	67%, 69%, 81%
CMY	0.3334, 0.3137, 0.1923
CMYK	0.17, 0.15, 0.00, 0.19
HSL	232°, 27%, 74%
HSV	232°, 17%, 81%
XYZ	43.0421, 43.6622, 64.5329
YIQ	177.0390, -12.9310, 8.5810

Conversions

Conversions Part 2

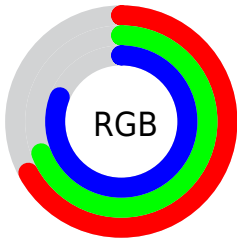
Format	Color
R _{YB}	170, 174, 206
Decimal	11186126
CIE Lab	72.00, 4.64, -16.27
CIE LCh	72, 16.919, 285.926
Yxy	43.6622, 0.2846, 0.2887
Android (android.graphics.Color)	4289376206 (0xFFAAAFCE)
YUV	177.0390, 14.2778, -6.1732
Hunter-Lab	66.0774, 0.6377, -11.6500

Details

The Yxy color $43.6622, 0.2846, 0.2887$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $57.7653, 0.3397, 0.3663$, and the grayscale version is $43.9157, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.9824, 0.2948, 0.3034$, and $20.2148, 0.2757, 0.2775$ is the 20% darker color. If you saturate the color by 10%, you get $35.0946, 0.2663, 0.2618$, and if you desaturate by 10%, it is $53.4980, 0.3013, 0.3128$.

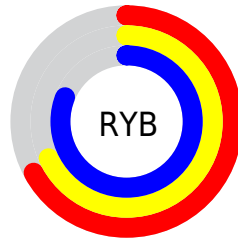
Distribution



Red (67%)

Green (69%)

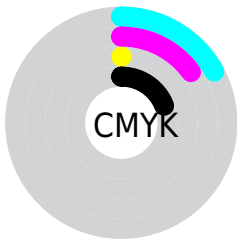
Blue (81%)



Red (67%)

Yellow (68%)

Blue (81%)

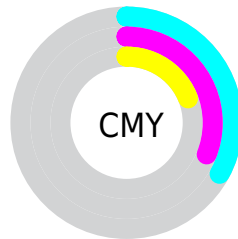


Cyan (17%)

Magenta (15%)

Yellow (0%)

Black (19%)



Cyan (33%)

Magenta (31%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6622, 0.2846, 0.2887 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 43.6622, 0.2846, 0.2887 by changing the saturation by 10% instead.

■ 43.6622, 0.2846,
0.2887

■ 43.6622, 0.2846,
0.2887

361.3280, 0.2988,
0.3087

■ 30.4050, 0.2810,
0.2838

■ 80.7092, 0.2898,
0.2959

■ 20.1462, 0.2764,
0.2774

105.2678, 0.2917,
0.2987

■ 12.5014, 0.2703,
0.2691

134.3624, 0.2934,
0.3010

■ 7.0861, 0.2617,
0.2576

168.3773, 0.2948,
0.3030

■ 3.5160, 0.2490,
0.2409

207.6969, 0.2960,
0.3047

■ 1.4067, 0.2281,
0.2143

252.7056, 0.2970,

■ 0.2216, 0.1631,

0.3062

0.1116

303.7879, 0.2980,
0.3075

0.0000, 0.0000,
0.0000

43.6622, 0.2846,
0.2887

43.6622, 0.2846,
0.2887

35.0946, 0.2663,
0.2618

53.4980, 0.3013,
0.3128

27.7381, 0.2469,
0.2323

64.6453, 0.3164,
0.3341

21.5393, 0.2268,
0.2012

77.1519, 0.3297,
0.3527

16.4387, 0.2071,
0.1694

91.0618, 0.3416,
0.3688

12.3712, 0.1888,
0.1389

97.2349, 0.3418,
0.3771

■ 9.2649, 0.1733,
0.1115

■ 7.0383, 0.1616,
0.0893

■ 5.5911, 0.1543,
0.0734

■ 5.3233, 0.1529,
0.0703

Harmonies

Analogous

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



43.6622, 0.2704, 0.2940



43.6622, 0.2846, 0.2887



43.6622, 0.3066, 0.2935

Triad

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



43.6622, 0.2846, 0.2887



43.6622, 0.3605, 0.3461



43.6622, 0.2936, 0.3527

Complementary

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



43.6622, 0.2846, 0.2887



57.7653, 0.3397, 0.3663

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.



43.6622, 0.3173, 0.3681



43.6622, 0.2846, 0.2887



43.6622, 0.3565, 0.3631

Square

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



43.6622, 0.2846, 0.2887



43.6622, 0.3512, 0.3257



43.6622, 0.3404, 0.3716



43.6622, 0.2755, 0.3306

Rectangle

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



43.6622, 0.2846, 0.2887



43.6622, 0.3231, 0.3016



43.6622, 0.3404, 0.3716



43.6622, 0.3012, 0.3589

Sweetspot

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



43.6640, 0.2846, 0.2887



90.8622, 0.3051, 0.3182



56.8701, 0.2901, 0.3357



19.1829, 0.3040, 0.3166



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.



43.6640, 0.2846, 0.2887



65.2690, 0.2779, 0.2788



43.2135, 0.2947, 0.2834



11.0927, 0.2982, 0.3084



3.3635, 0.1533, 0.0719



0.2576, 0.1614, 0.1009

Inverse Universe

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



44.9564, 0.3415, 0.3229



67.8436, 0.3493, 0.3214



58.4175, 0.3287, 0.3735



11.2388, 0.3268, 0.3258



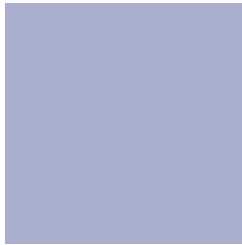
8.1425, 0.6201, 0.3189



0.4286, 0.5745, 0.2938

Previews

White Background



This preview shows how the Yxy color 43.6622, 0.2846, 0.2887 looks on a white background.

Color Contrast Check

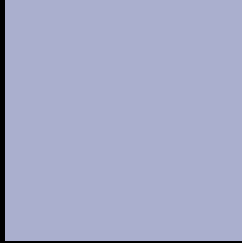
Large Text (above 18pt) WCAG AA × Fail

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 43.6622, 0.2846, 0.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

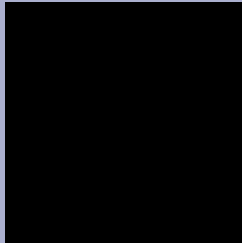
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6622, 0.2846, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 43.6622, 0.2846, 0.2887.



This preview shows how white text looks on a background with the Yxy color 43.6622, 0.2846, 0.2887.

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

43.6622, 0.2846, 0.2887

Protanopia

43.6622, 0.2846, 0.2887

Deuteranopia

43.5937, 0.2910, 0.2844



Tritanopia

43.4655, 0.2926, 0.3089

Trichromacy



Original Color

43.6622, 0.2846, 0.2887

Protanomaly

43.6622, 0.2846, 0.2887

Deuteranomaly

43.6222, 0.2886, 0.2854

Tritanomaly

43.4067, 0.2896, 0.3011

Monochromacy



Original Color

43.6622, 0.2846, 0.2887

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.6802, 0.3014, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6622, 0.2846, 0.2887 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, 175, 206)` looks like.

```
.text, #text, p{  
    color:rgb(170, 175, 206)  
}
```

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, 175, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 175, 206) }
```

Border

The CSS property to change the border of an element to Yxy 43.6622, 0.2846, 0.2887 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, 175, 206) }
```

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

```
.border{ border-color:rgb(170, 175, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 175, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 175, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 175, 206);  
box-shadow:4px 4px 4px 4px rgb(170, 175,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6622, 0.2846, 0.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 175, 206) }
```

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

```
.background{ background-color: rgb(170,  
175, 206) }
```

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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