

Converting Colors

$Yxy(48.8218, 0.2781, 0.2852)$

Have a look what the booklet for
Yxy(48.8218, 0.2781, 0.2852)
contains.

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Color

Yxy(48.7495, 0.2780, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	ADB9DC
RGB	173, 185, 220
RGB Percent	68%, 73%, 86%
CMY	0.3215, 0.2745, 0.1372
CMYK	0.21, 0.16, 0.00, 0.14
HSL	225°, 40%, 77%
HSV	225°, 21%, 86%
XYZ	47.5021, 48.7495, 74.6194
YIQ	185.4020, -18.3870, 8.3410

Conversions

Conversions Part 2

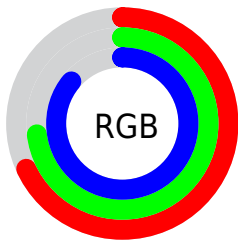
Format	Color
R _Y B	173, 183, 220
Decimal	11385308
CIE Lab	75.30, 3.28, -18.92
CIE LCh	75, 19.206, 279.824
Yxy	48.7495, 0.2780, 0.2853
Android (android.graphics.Color)	4289575388 (0xFFADB9DC)
YUV	185.4020, 17.0568, -10.8766
Hunter-Lab	69.8208, -0.7452, -14.4902

Details

The Yxy color $48.7495, 0.2780, 0.2853$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $63.3512, 0.3474, 0.3692$, and the grayscale version is $48.6638, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7886, 0.2968, 0.3148$, and $23.2122, 0.2685, 0.2735$ is the 20% darker color. If you saturate the color by 10%, you get $39.9810, 0.2599, 0.2611$, and if you desaturate by 10%, it is $58.7251, 0.2950, 0.3071$.

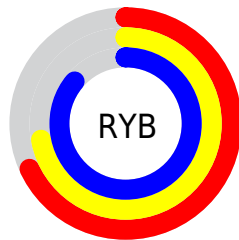
Distribution



Red (68%)

Green (73%)

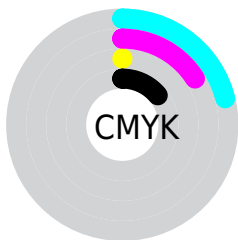
Blue (86%)



Red (68%)

Yellow (72%)

Blue (86%)

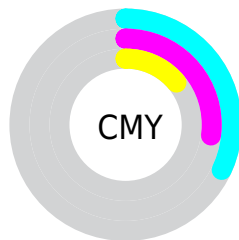


Cyan (21%)

Magenta (16%)

Yellow (0%)

Black (14%)



Cyan (32%)

Magenta (27%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7495, 0.2780, 0.2853 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 48.7495, 0.2780, 0.2853 by changing the saturation by 10% instead.

■ 48.7495, 0.2780,
0.2853

■ 48.7495, 0.2780,
0.2853

381.7553, 0.2951,
0.3066

■ 34.4208, 0.2738,
0.2802

■ 88.3193, 0.2842,
0.2929

■ 23.2171, 0.2685,
0.2736

114.3292, 0.2865,
0.2958

■ 14.7539, 0.2615,
0.2652

145.0016, 0.2885,
0.2983

■ 8.6468, 0.2520,
0.2537

180.7209, 0.2902,
0.3004

■ 4.5115, 0.2383,
0.2374

221.8716, 0.2917,
0.3023

■ 1.9636, 0.2171,
0.2126

268.8379, 0.2930,

■ 0.5862, 0.1786,

0.3039

0.1643

322.0044, 0.2941,
0.3053

0.0000, 0.0000,
0.0000

48.7495, 0.2780,
0.2853

48.7495, 0.2780,
0.2853

39.9810, 0.2599,
0.2611

58.7251, 0.2950,
0.3071

32.3666, 0.2412,
0.2349

69.9461, 0.3107,
0.3265

25.8584, 0.2224,
0.2071

82.4563, 0.3250,
0.3436

20.4023, 0.2043,
0.1787

95.1381, 0.3339,
0.3589

15.9396, 0.1879,
0.1511

97.9476, 0.3333,
0.3631

■ 12.4050, 0.1742,
0.1255

■ 9.7243, 0.1640,
0.1036

■ 8.0104, 0.1578,
0.0882

Harmonies

Analogous

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



48.7495, 0.2648, 0.2932



48.7495, 0.2780, 0.2853



48.7495, 0.3007, 0.2884

Triad

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



48.7495, 0.2780, 0.2853



48.7495, 0.3642, 0.3431



48.7495, 0.2967, 0.3594

Complementary

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



48.7495, 0.2780, 0.2853



63.3512, 0.3474, 0.3692

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.



48.7495, 0.3231, 0.3739



48.7495, 0.2780, 0.2853



48.7495, 0.3627, 0.3629

Square

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



48.7495, 0.2780, 0.2853



48.7495, 0.3511, 0.3209



48.7495, 0.3474, 0.3748



48.7495, 0.2753, 0.3358

Rectangle

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



48.7495, 0.2780, 0.2853



48.7495, 0.3185, 0.2961



48.7495, 0.3474, 0.3748



48.7495, 0.3053, 0.3655

Sweetspot

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



48.7515, 0.2780, 0.2853



90.1566, 0.3035, 0.3177



64.6027, 0.2885, 0.3442



19.0763, 0.3025, 0.3165



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.



48.7515, 0.2780, 0.2853



61.9607, 0.2693, 0.2738



45.2447, 0.2855, 0.2712



13.1546, 0.2981, 0.3111



4.8530, 0.1585, 0.0906



0.4525, 0.1673, 0.1223

Inverse Universe

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



48.6094, 0.3449, 0.3150



61.9641, 0.3544, 0.3116



67.7680, 0.3364, 0.3835



13.1058, 0.3252, 0.3231



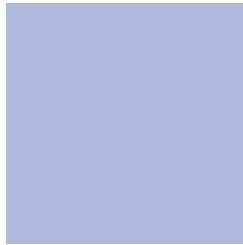
9.1137, 0.5903, 0.3025



0.6044, 0.5434, 0.2767

Previews

White Background



This preview shows how the Yxy color 48.7495, 0.2780, 0.2853 looks on a white background.

Color Contrast Check

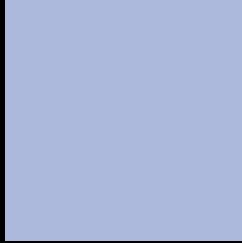
Large Text (above 18pt) WCAG AA × Fail

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 48.7495, 0.2780, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

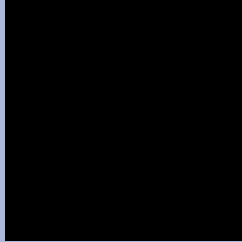
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

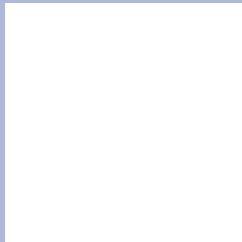
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7495, 0.2780, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 48.7495, 0.2780, 0.2853.



This preview shows how white text looks on a background with the Yxy color 48.7495, 0.2780, 0.2853.

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

48.7495, 0.2780, 0.2853

Protanopia

48.8604, 0.2823, 0.2856

Deuteranopia

48.7073, 0.2868, 0.2804



Tritanopia

48.8243, 0.2875, 0.3096

Trichromacy



Original Color

48.7495, 0.2780, 0.2853

Protanomaly

48.6256, 0.2808, 0.2855

Deuteranomaly

48.5001, 0.2831, 0.2811

Tritanomaly

48.8020, 0.2841, 0.3009

Monochromacy



Original Color

48.7495, 0.2780, 0.2853

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.5989, 0.2996, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7495, 0.2780, 0.2853 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(173, 185, 220)` looks like.

```
.text, #text, p{  
    color:rgb(173, 185, 220)  
}
```

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(173, 185, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 185, 220) }
```

Border

The CSS property to change the border of an element to Yxy 48.7495, 0.2780, 0.2853 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(173, 185, 220) }
```

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

```
.border{ border-color:rgb(173, 185, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 185, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 185, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 185, 220);  
box-shadow:4px 4px 4px 4px rgb(173, 185,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7495, 0.2780, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 185, 220) }
```

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

```
.background{ background-color: rgb(173,  
185, 220) }
```

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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