

Converting Colors

$Yxy(48.4465, 0.2848, 0.2658)$

Have a look what the booklet for
Yxy(48.4465, 0.2848, 0.2658)
contains.

Yxy(48.4203, 0.2843, 0.2653)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.4203, 0.2843, 0.2653)

Conversions

Conversions Part 1

Format	Color
Hex	C0B1E7
RGB	192, 177, 231
RGB Percent	75%, 69%, 91%
CMY	0.2469, 0.3059, 0.0942
CMYK	0.17, 0.23, 0.00, 0.09
HSL	257°, 53%, 80%
HSV	257°, 23%, 91%
XYZ	51.8880, 48.4203, 82.2032
YIQ	187.6410, -8.3940, 19.9740

Conversions

Conversions Part 2

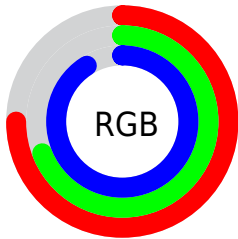
Format	Color
R _Y B	192, 177, 231
Decimal	12628455
CIE Lab	75.09, 16.02, -25.06
CIE LCh	75, 29.744, 302.586
Yxy	48.4203, 0.2843, 0.2653
Android (android.graphics.Color)	4290818535 (0xFFC0B1E7)
YUV	187.6410, 21.3760, 3.8228
Hunter-Lab	69.5847, 11.3309, -21.3324

Details

The Yxy color $48.4203, 0.2843, 0.2653$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $74.9116, 0.3369, 0.3894$, and the grayscale version is $49.9583, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6376, 0.3097, 0.3075$, and $22.9137, 0.2764, 0.2491$ is the 20% darker color. If you saturate the color by 10%, you get $38.0024, 0.2693, 0.2341$, and if you desaturate by 10%, it is $60.6329, 0.2976, 0.2943$.

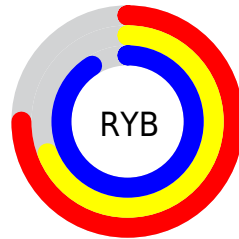
Distribution



Red (75%)

Green (69%)

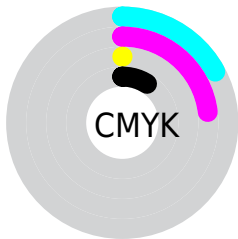
Blue (91%)



Red (75%)

Yellow (69%)

Blue (91%)

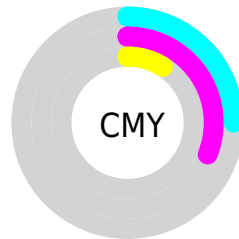


Cyan (17%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4203, 0.2843, 0.2653 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 48.4203, 0.2843, 0.2653 by changing the saturation by 10% instead.

■ 48.4203, 0.2843,
0.2653

■ 48.4203, 0.2843,
0.2653

380.4557, 0.2986,
0.2956

■ 34.1599, 0.2807,
0.2582

■ 87.8299, 0.2895,
0.2760

■ 23.0164, 0.2762,
0.2494

113.7478, 0.2915,
0.2801

■ 14.6056, 0.2701,
0.2381

144.3203, 0.2931,
0.2836

■ 8.5431, 0.2618,
0.2232

179.9318, 0.2945,
0.2866

■ 4.4444, 0.2498,
0.2027

220.9667, 0.2958,
0.2893

■ 1.9251, 0.2309,
0.1732

267.8094, 0.2968,

■ 0.5634, 0.2000,

0.2917

0.1212

320.8442, 0.2978,
0.2937

0.0000, 0.0000,
0.0000

48.4203, 0.2843,
0.2653

48.4203, 0.2843,
0.2653

38.0024, 0.2693,
0.2341

60.6329, 0.2976,
0.2943

29.2874, 0.2528,
0.2015

74.7144, 0.3092,
0.3207

22.1842, 0.2354,
0.1689

90.7418, 0.3191,
0.3444

16.5905, 0.2176,
0.1381

98.5489, 0.3268,
0.3523

12.3921, 0.2006,
0.1111

■ 9.4578, 0.1854,
0.0897

■ 7.6296, 0.1730,
0.0753

■ 6.8695, 0.1664,
0.0691

Harmonies

Analogous

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



48.4203, 0.2533, 0.2638



48.4203, 0.2843, 0.2653



48.4203, 0.3250, 0.2813

Triad

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



48.4203, 0.2843, 0.2653



48.4203, 0.3930, 0.3731



48.4203, 0.2618, 0.3487

Complementary

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



48.4203, 0.2843, 0.2653



74.9116, 0.3369, 0.3894

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.



48.4203, 0.2967, 0.3847



48.4203, 0.2843, 0.2653



48.4203, 0.3732, 0.3966

Square

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



48.4203, 0.2843, 0.2653



48.4203, 0.3902, 0.3410



48.4203, 0.3375, 0.4024



48.4203, 0.2409, 0.3089

Rectangle

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



48.4203, 0.2843, 0.2653



48.4203, 0.3524, 0.2983



48.4203, 0.3375, 0.4024



48.4203, 0.2722, 0.3619

Sweetspot

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



48.4223, 0.2843, 0.2653



86.7738, 0.3051, 0.3114



64.5305, 0.2769, 0.3120



18.3411, 0.3044, 0.3098



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.



48.4223, 0.2843, 0.2653



54.0991, 0.2773, 0.2506



52.1775, 0.3052, 0.2691



14.0804, 0.3023, 0.3050



3.9050, 0.1678, 0.0698



0.3340, 0.1830, 0.0782

Inverse Universe

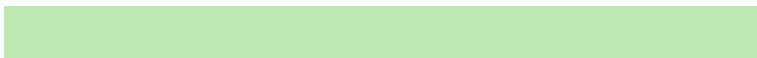
The Inverse Universe completely reimagines the original color for something new.



53.3855, 0.3275, 0.2863



61.3801, 0.3312, 0.2773



71.2146, 0.3182, 0.3931



14.5432, 0.3180, 0.3122



11.1038, 0.4063, 0.2012



0.8361, 0.3910, 0.1927

Previews

White Background



This preview shows how the Yxy color 48.4203, 0.2843, 0.2653 looks on a white background.

Color Contrast Check

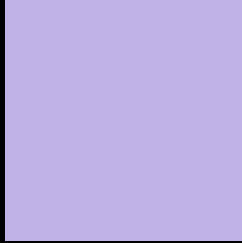
Large Text (above 18pt) WCAG AA × Fail

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 48.4203, 0.2843, 0.2653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

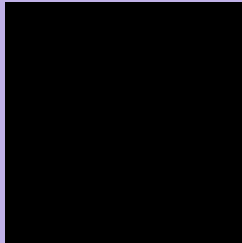
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4203, 0.2843, 0.2653

Background



This preview shows how black text looks on a background with the Yxy color 48.4203, 0.2843, 0.2653.



This preview shows how white text looks on a background with the Yxy color 48.4203, 0.2843, 0.2653.

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

48.4203, 0.2843, 0.2653

Protanopia

48.6358, 0.2675, 0.2658

Deuteranopia

48.4642, 0.2762, 0.2697



Tritanopia

48.3833, 0.3036, 0.3101

Trichromacy



Original Color

48.4203, 0.2843, 0.2653

Protanomaly

48.5720, 0.2729, 0.2652

Deuteranomaly

48.5460, 0.2791, 0.2690

Tritanomaly

48.3923, 0.2963, 0.2932

Monochromacy



Original Color

48.4203, 0.2843, 0.2653

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.4594, 0.3016, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4203, 0.2843, 0.2653 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(192, 177, 231)` looks like.

```
.text, #text, p{  
    color:rgb(192, 177, 231)  
}
```

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(192, 177, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 177, 231) }
```

Border

The CSS property to change the border of an element to Yxy 48.4203, 0.2843, 0.2653 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(192, 177, 231) }
```

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

```
.border{ border-color:rgb(192, 177, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 177, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 177, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 177, 231);  
box-shadow:4px 4px 4px 4px rgb(192, 177,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4203, 0.2843, 0.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 177, 231) }
```

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

```
.background{ background-color: rgb(192,  
177, 231) }
```

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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