

Converting Colors

$Yxy(44.6887, 0.3501, 0.3147)$

Have a look what the booklet for
Yxy(44.6887, 0.3501, 0.3147)
contains.

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Color

Yxy(44.6835, 0.3501, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	D8A5B1
RGB	216, 165, 177
RGB Percent	85%, 65%, 69%
CMY	0.1529, 0.3529, 0.3059
CMYK	0.00, 0.24, 0.18, 0.15
HSL	346°, 40%, 75%
HSV	346°, 24%, 85%
XYZ	49.7099, 44.6835, 47.5942
YIQ	181.6170, 26.5440, 14.5440

Conversions

Conversions Part 2

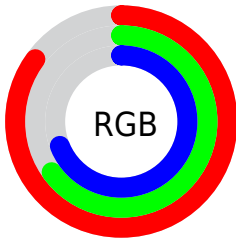
Format	Color
RYB	216, 165, 177
Decimal	14198193
CIELab	72.68, 20.59, 1.12
CIElCh	73, 20.621, 3.105
Yxy	44.6835, 0.3501, 0.3147
Android (android.graphics.Color)	4292388273 (0xFFD8A5B1)
YUV	181.6170, -2.2762, 30.1539
Hunter-Lab	66.8457, 15.7616, 4.5774

Details

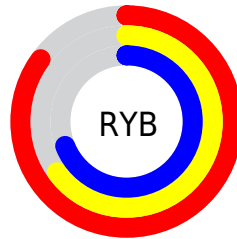
The Yxy color $44.6835, 0.3501, 0.3147$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $61.4744, 0.2852, 0.3439$, and the grayscale version is $46.5628, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.3296, 0.3291, 0.3161$, and $20.7645, 0.3597, 0.3099$ is the 20% darker color. If you saturate the color by 10%, you get $36.9206, 0.3723, 0.3083$, and if you desaturate by 10%, it is $53.8462, 0.3320, 0.3210$.

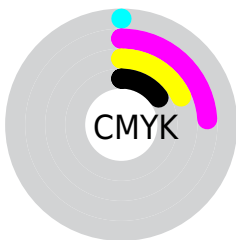
Distribution



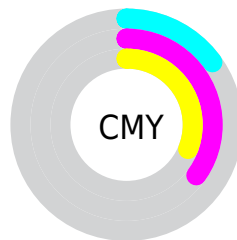
- Red (85%)
- Green (65%)
- Blue (69%)



- Red (85%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (15%)





- Cyan (15%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6835, 0.3501, 0.3147 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 44.6835, 0.3501, 0.3147 by changing the saturation by 10% instead.

 44.6835, 0.3501,
0.3147


 44.6835, 0.3501,
0.3147


365.4902, 0.3312,
0.3220

 31.2082, 0.3549,
0.3128


 82.2453, 0.3432,
0.3174

 20.7574, 0.3610,
0.3104


 107.1005, 0.3406,
0.3184

 12.9468, 0.3693,
0.3072


136.5179, 0.3385,
0.3192

 7.3919, 0.3809,
0.3026

170.8818, 0.3366,
0.3199

 3.7084, 0.3984,
0.2956

210.5765, 0.3350,
0.3205

 1.5118, 0.4280,
0.2836

255.9866, 0.3336,

 0.2970, 0.5914,

0.3211

0.2238

307.4964, 0.3323,
0.3216

0.0000, 0.0000,
0.0000

44.6835, 0.3501,
0.3147

44.6835, 0.3501,
0.3147

36.9206, 0.3723,
0.3083

53.8462, 0.3320,
0.3210

30.4824, 0.3993,
0.3021

64.4668, 0.3173,
0.3270

25.2963, 0.4313,
0.2968

76.6073, 0.3054,
0.3325

21.2798, 0.4679,
0.2933

90.3246, 0.2957,
0.3376

18.3409, 0.5075,
0.2925

93.3396, 0.2894,
0.3289

■ 16.3733, 0.5468,
0.2954

■ 15.2488, 0.5815,
0.3024

■ 14.8366, 0.5999,
0.3079

Harmonies

Analogous

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



44.6835, 0.3224, 0.2946



44.6835, 0.3501, 0.3147



44.6835, 0.3678, 0.3389

Triad

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



44.6835, 0.3501, 0.3147



44.6835, 0.3305, 0.3804



44.6835, 0.2586, 0.2930

Complementary

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



44.6835, 0.3501, 0.3147



61.4744, 0.2852, 0.3439

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.



44.6835, 0.2606, 0.3150



44.6835, 0.3501, 0.3147



44.6835, 0.3013, 0.3675

Square

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



44.6835, 0.3501, 0.3147



44.6835, 0.3558, 0.3777



44.6835, 0.2759, 0.3427



44.6835, 0.2701, 0.2817

Rectangle

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



44.6835, 0.3501, 0.3147



44.6835, 0.3710, 0.3547



44.6835, 0.2759, 0.3427



44.6835, 0.2577, 0.2993

Sweetspot

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



44.6855, 0.3501, 0.3147



88.2868, 0.3220, 0.3249



44.6024, 0.3044, 0.2686



18.6918, 0.3229, 0.3246



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.



44.6855, 0.3501, 0.3147



59.5630, 0.3599, 0.3117



49.0597, 0.3580, 0.3445



12.4682, 0.3254, 0.3235



8.7953, 0.5963, 0.3058



0.5435, 0.5466, 0.2785

Inverse Universe

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



44.6855, 0.3501, 0.3147



59.5630, 0.3599, 0.3117



55.7902, 0.2767, 0.3130



12.4682, 0.3254, 0.3235



8.7953, 0.5963, 0.3058



0.5435, 0.5466, 0.2785

Previews

White Background



This preview shows how the Yxy color 44.6835, 0.3501, 0.3147 looks on a white background.

Color Contrast Check

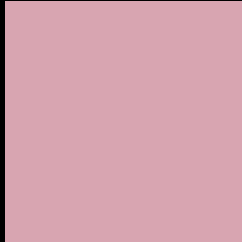
Large Text (above 18pt) WCAG AA × Fail

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 44.6835, 0.3501, 0.3147 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 44.6835, 0.3501, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 44.6835, 0.3501, 0.3147.



This preview shows how white text looks on a background with the Yxy color 44.6835, 0.3501, 0.3147.

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

44.6835, 0.3501, 0.3147

Protanopia

45.0048, 0.3096, 0.3211

Deuteranopia

44.8920, 0.3319, 0.3253



Tritanopia

44.7235, 0.3492, 0.3135

Trichromacy



Original Color

44.6835, 0.3501, 0.3147

Protanomaly

44.5608, 0.3239, 0.3188

Deuteranomaly

44.7214, 0.3388, 0.3216

Tritanomaly

44.7235, 0.3492, 0.3135

Monochromacy



Original Color

44.6835, 0.3501, 0.3147

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.8153, 0.3253, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6835, 0.3501, 0.3147 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(216, 165, 177)` looks like.

```
.text, #text, p{  
    color:rgb(216, 165, 177)  
}
```

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(216, 165, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 165, 177) }
```

Border

The CSS property to change the border of an element to Yxy 44.6835, 0.3501, 0.3147 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(216, 165, 177) }
```

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

```
.border{ border-color:rgb(216, 165, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 165, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 165, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 165, 177);  
box-shadow:4px 4px 4px 4px rgb(216, 165,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6835, 0.3501, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 165, 177) }
```

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

```
.background{ background-color: rgb(216,  
165, 177) }
```

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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