

Converting Colors

$Yxy(44.8467, 0.3373, 0.3088)$

Have a look what the booklet for
Yxy(44.8467, 0.3373, 0.3088)
contains.

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Color

Yxy(44.7998, 0.3377, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	D2A7B8
RGB	210, 167, 184
RGB Percent	82%, 65%, 72%
CMY	0.1763, 0.3451, 0.2784
CMYK	0.00, 0.20, 0.12, 0.18
HSL	336°, 32%, 74%
HSV	336°, 20%, 82%
XYZ	49.0561, 44.7998, 51.4094
YIQ	181.7950, 20.1710, 14.4030

Conversions

Conversions Part 2

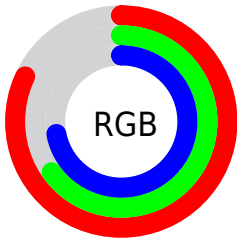
Format	Color
R_{YB}	210, 167, 184
Decimal	13805496
CIE _{Lab}	72.76, 18.49, -2.70
CIE _{LCh}	73, 18.682, 351.683
Yxy	44.7998, 0.3377, 0.3084
Android (android.graphics.Color)	4291995576 (0xFFD2A7B8)
YUV	181.7950, 1.0871, 24.7358
Hunter-Lab	66.9327, 13.6935, 1.3136

Details

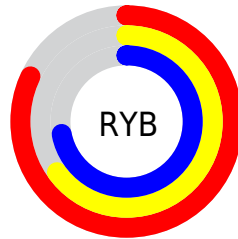
The Yxy color **44.7998, 0.3377, 0.3084** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.1764, 0.2930, 0.3506**, and the grayscale version is **46.6500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7938, 0.3241, 0.3113**, and **20.8687, 0.3448, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **37.2125, 0.3540, 0.2977**, and if you desaturate by 10%, it is **53.6887, 0.3242, 0.3188**.

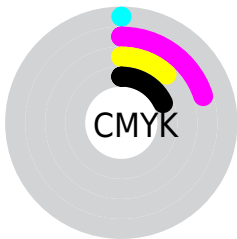
Distribution



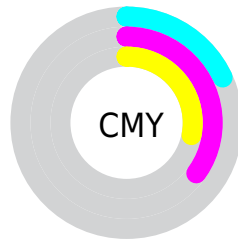
- Red (82%)
- Green (65%)
- Blue (72%)



- Red (82%)
- Yellow (65%)
- Blue (72%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (18%)




- Cyan (18%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7998, 0.3377, 0.3084 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 44.7998, 0.3377, 0.3084 by changing the saturation by 10% instead.

 44.7998, 0.3377,
0.3084


 44.7998, 0.3377,
0.3084


365.9621, 0.3252,
0.3186

 31.2998, 0.3408,
0.3059


 82.4199, 0.3331,
0.3121

 20.8272, 0.3449,
0.3026


 107.3088, 0.3314,
0.3135

 12.9978, 0.3502,
0.2983


136.7627, 0.3300,
0.3147

 7.4270, 0.3578,
0.2923

171.1661, 0.3288,
0.3157

 3.7306, 0.3690,
0.2834

210.9033, 0.3277,
0.3166

 1.5240, 0.3878,
0.2689

256.3588, 0.3268,

 0.3055, 0.4728,

0.3174

0.1948

307.9170, 0.3259,
0.3180

0.0000, 0.0000,
0.0000

44.7998, 0.3377,
0.3084

44.7998, 0.3377,
0.3084

37.2125, 0.3540,
0.2977

53.6887, 0.3242,
0.3188

30.8592, 0.3736,
0.2872

63.9306, 0.3132,
0.3285

25.6755, 0.3967,
0.2774

75.5813, 0.3042,
0.3376

21.5885, 0.4233,
0.2693

88.6919, 0.2967,
0.3460

18.5171, 0.4528,
0.2643

91.9742, 0.2900,
0.3367

■ 16.3687, 0.4840,
0.2634

■ 92.4468, 0.2861,
0.3289

■ 15.0336, 0.5147,
0.2677

■ 14.3314, 0.5419,
0.2759

Harmonies

Analogous

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



44.7998, 0.3112, 0.2925



44.7998, 0.3377, 0.3084



44.7998, 0.3579, 0.3296

Triad

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



44.7998, 0.3377, 0.3084



44.7998, 0.3385, 0.3761



44.7998, 0.2627, 0.3031

Complementary

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



44.7998, 0.3377, 0.3084



58.1764, 0.2930, 0.3506

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.



44.7998, 0.2694, 0.3258



44.7998, 0.3377, 0.3084



44.7998, 0.3125, 0.3697

Square

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



44.7998, 0.3377, 0.3084



44.7998, 0.3581, 0.3689



44.7998, 0.2873, 0.3507



44.7998, 0.2687, 0.2887

Rectangle

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



44.7998, 0.3377, 0.3084



44.7998, 0.3646, 0.3445



44.7998, 0.2873, 0.3507



44.7998, 0.2635, 0.3099

Sweetspot

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



44.8018, 0.3377, 0.3084



90.0419, 0.3191, 0.3232



43.6027, 0.3002, 0.2761



19.0509, 0.3198, 0.3225



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.



44.8018, 0.3377, 0.3084



63.6116, 0.3451, 0.3033



45.7342, 0.3523, 0.3344



11.8845, 0.3229, 0.3198



8.7572, 0.5381, 0.2738



0.5051, 0.4893, 0.2469

Inverse Universe

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



44.8018, 0.3377, 0.3084



63.6116, 0.3451, 0.3033



56.8825, 0.2820, 0.3235



11.8845, 0.3229, 0.3198



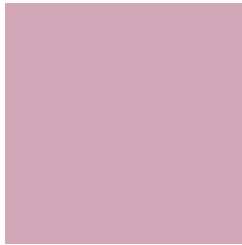
8.7572, 0.5381, 0.2738



0.5051, 0.4893, 0.2469

Previews

White Background



This preview shows how the Yxy color 44.7998, 0.3377, 0.3084 looks on a white background.

Color Contrast Check

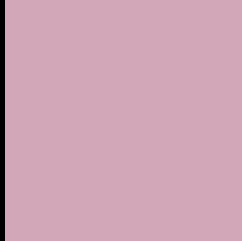
Large Text (above 18pt) WCAG AA × Fail

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 44.7998, 0.3377, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

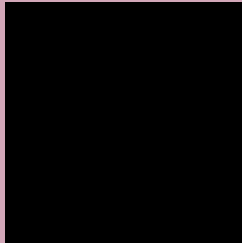
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7998, 0.3377, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 44.7998, 0.3377, 0.3084.



This preview shows how white text looks on a background with the Yxy color 44.7998, 0.3377, 0.3084.

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

44.7998, 0.3377, 0.3084

Protanopia

45.1422, 0.3041, 0.3133

Deuteranopia

44.7754, 0.3231, 0.3163



Tritanopia

45.0431, 0.3402, 0.3132

Trichromacy



Original Color

44.7998, 0.3377, 0.3084

Protanomaly

44.8501, 0.3153, 0.3112

Deuteranomaly

44.8241, 0.3288, 0.3140

Tritanomaly

45.0843, 0.3393, 0.3120

Monochromacy



Original Color

44.7998, 0.3377, 0.3084

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.0696, 0.3210, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7998, 0.3377, 0.3084 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(210, 167, 184)` looks like.

```
.text, #text, p{  
    color:rgb(210, 167, 184)  
}
```

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(210, 167, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 167, 184) }
```

Border

The CSS property to change the border of an element to Yxy 44.7998, 0.3377, 0.3084 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(210, 167, 184) }
```

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

```
.border{ border-color:rgb(210, 167, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 167, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 167, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 167, 184);  
box-shadow:4px 4px 4px 4px rgb(210, 167,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7998, 0.3377, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 167, 184) }
```

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

```
.background{ background-color: rgb(210,  
167, 184) }
```

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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