

Converting Colors

$Yxy(47.8219, 0.3343, 0.3023)$

Have a look what the booklet for
Yxy(47.8219, 0.3343, 0.3023)
contains.

Yxy(47.7726, 0.3346, 0.3021)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.7726, 0.3346, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	D9ABC2
RGB	217, 171, 194
RGB Percent	85%, 67%, 76%
CMY	0.1490, 0.3294, 0.2393
CMYK	0.00, 0.21, 0.11, 0.15
HSL	330°, 38%, 76%
HSV	330°, 21%, 85%
XYZ	52.9120, 47.7726, 57.4505
YIQ	187.3760, 20.0330, 16.9050

Conversions

Conversions Part 2

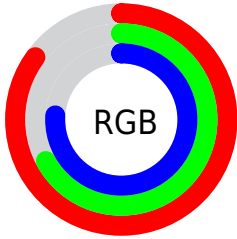
Format	Color
RYB	217, 171, 194
Decimal	14265282
CIELab	74.68, 20.45, -5.27
CIELCh	75, 21.115, 345.560
Yxy	47.7726, 0.3346, 0.3021
Android (android.graphics.Color)	4292455362 (0xFFD9ABC2)
YUV	187.3760, 3.2656, 25.9802
Hunter-Lab	69.1177, 15.6919, -0.8993

Details

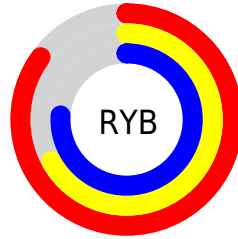
The Yxy color $47.7726, 0.3346, 0.3021$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $62.1808, 0.2953, 0.3576$, and the grayscale version is $49.8904, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.1003, 0.3172, 0.3066$, and $22.5317, 0.3417, 0.2948$ is the 20% darker color. If you saturate the color by 10%, you get $39.7678, 0.3483, 0.2887$, and if you desaturate by 10%, it is $57.1632, 0.3232, 0.3152$.

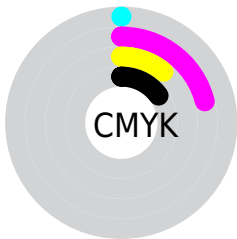
Distribution



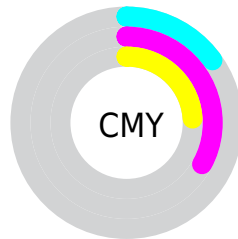
- Red (85%)
- Green (67%)
- Blue (76%)



- Red (85%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (21%)
- Yellow (11%)
- Black (15%)




- Cyan (15%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7726, 0.3346, 0.3021 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 47.7726, 0.3346, 0.3021 by changing the saturation by 10% instead.


 47.7726, 0.3346,
0.3021

 47.7726, 0.3346,
0.3021


377.8901, 0.3238,
0.3152

 33.6468, 0.3372,
0.2989


 86.8657, 0.3307,
0.3068

 22.6224, 0.3406,
0.2949


112.6019, 0.3293,
0.3086

 14.3150, 0.3450,
0.2896


142.9770, 0.3280,
0.3101

 8.3400, 0.3511,
0.2824

178.3754, 0.3270,
0.3114

 4.3133, 0.3600,
0.2720

219.1815, 0.3260,
0.3126

 1.8503, 0.3741,
0.2557

265.7797, 0.3252,

 0.5182, 0.4083,

0.3136

0.2114

318.5544, 0.3245,
0.3144

0.0000, 0.0000,
0.0000

47.7726, 0.3346,
0.3021

47.7726, 0.3346,
0.3021

39.7678, 0.3483,
0.2887

57.1632, 0.3232,
0.3152

33.0759, 0.3644,
0.2755

67.9949, 0.3137,
0.3276

27.6272, 0.3833,
0.2632

80.3280, 0.3059,
0.3392

23.3429, 0.4047,
0.2529

92.4115, 0.2995,
0.3471

20.1350, 0.4282,
0.2458

93.0677, 0.2936,
0.3358

■ 17.9028, 0.4529,
0.2431

■ 93.4914, 0.2900,
0.3289

■ 16.5263, 0.4776,
0.2458

■ 15.8409, 0.4985,
0.2520

Harmonies

Analogous

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



47.7726, 0.3049, 0.2863



47.7726, 0.3346, 0.3021



47.7726, 0.3592, 0.3245

Triad

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



47.7726, 0.3346, 0.3021



47.7726, 0.3464, 0.3807



47.7726, 0.2580, 0.3047

Complementary

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



47.7726, 0.3346, 0.3021



62.1808, 0.2953, 0.3576

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.



47.7726, 0.2680, 0.3310



47.7726, 0.3346, 0.3021



47.7726, 0.3184, 0.3769

Square

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



47.7726, 0.3346, 0.3021



47.7726, 0.3658, 0.3698



47.7726, 0.2898, 0.3582



47.7726, 0.2617, 0.2868

Rectangle

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



47.7726, 0.3346, 0.3021



47.7726, 0.3687, 0.3409



47.7726, 0.2898, 0.3582



47.7726, 0.2598, 0.3128

Sweetspot

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



47.7747, 0.3346, 0.3021



90.1399, 0.3181, 0.3216



45.6094, 0.2958, 0.2734



19.0740, 0.3187, 0.3208



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.



47.7747, 0.3346, 0.3021



63.9623, 0.3398, 0.2967



46.8219, 0.3552, 0.3291



13.1594, 0.3214, 0.3174



9.6108, 0.4953, 0.2502



0.6400, 0.4593, 0.2304

Inverse Universe

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



47.7747, 0.3346, 0.3021



63.9623, 0.3398, 0.2967



63.2935, 0.2813, 0.3289



13.1594, 0.3214, 0.3174



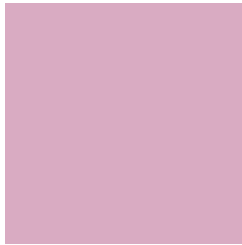
9.6108, 0.4953, 0.2502



0.6400, 0.4593, 0.2304

Previews

White Background



This preview shows how the Yxy color 47.7726, 0.3346, 0.3021 looks on a white background.

Color Contrast Check

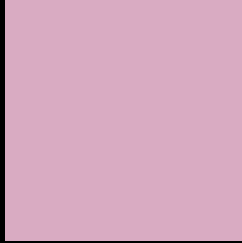
Large Text (above 18pt) WCAG AA × Fail

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 47.7726, 0.3346, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

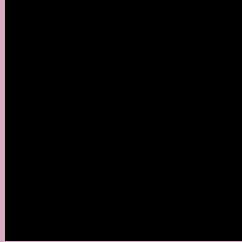
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7726, 0.3346, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 47.7726, 0.3346, 0.3021.



This preview shows how white text looks on a background with the Yxy color 47.7726, 0.3346, 0.3021.

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

47.7726, 0.3346, 0.3021

Protanopia

48.0291, 0.2981, 0.3062

Deuteranopia

48.0962, 0.3178, 0.3117



Tritanopia

47.6491, 0.3406, 0.3125

Trichromacy



Original Color

47.7726, 0.3346, 0.3021

Protanomaly

47.9195, 0.3113, 0.3055

Deuteranomaly

47.8801, 0.3242, 0.3084

Tritanomaly

47.7781, 0.3379, 0.3089

Monochromacy



Original Color

47.7726, 0.3346, 0.3021

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.7712, 0.3201, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7726, 0.3346, 0.3021 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(217, 171, 194)` looks like.

```
.text, #text, p{  
    color:rgb(217, 171, 194)  
}
```

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(217, 171, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 171, 194) }
```

Border

The CSS property to change the border of an element to Yxy 47.7726, 0.3346, 0.3021 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(217, 171, 194) }
```

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

```
.border{ border-color:rgb(217, 171, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 171, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 171, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 171, 194);  
box-shadow:4px 4px 4px 4px rgb(217, 171,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7726, 0.3346, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 171, 194) }
```

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

```
.background{ background-color: rgb(217,  
171, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor