

Converting Colors

$Yxy(47.3358, 0.3335, 0.3164)$

Have a look what the booklet for
Yxy(47.3358, 0.3335, 0.3164)
contains.

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Color

Yxy(47.5726, 0.3337, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	D0AFB9
RGB	208, 175, 185
RGB Percent	82%, 69%, 73%
CMY	0.1844, 0.3137, 0.2744
CMYK	0.00, 0.16, 0.11, 0.18
HSL	342°, 26%, 75%
HSV	342°, 16%, 82%
XYZ	50.0946, 47.5726, 52.4515
YIQ	186.0070, 16.4580, 10.1060

Conversions

Conversions Part 2

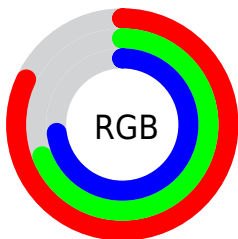
Format	Color
R_{YB}	208, 175, 185
Decimal	13676473
CIE _{Lab}	74.55, 13.56, -0.65
CIE _{LCh}	75, 13.576, 357.242
Yxy	47.5726, 0.3337, 0.3169
Android (android.graphics.Color)	4291866553 (0xFFD0AFB9)
YUV	186.0070, -0.4965, 19.2879
Hunter-Lab	68.9729, 8.9409, 3.1931

Details

The Yxy color $47.5726, 0.3337, 0.3169$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $58.2886, 0.2954, 0.3415$, and the grayscale version is $49.1031, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.7627, 0.3227, 0.3192$, and $22.3573, 0.3394, 0.3128$ is the 20% darker color. If you saturate the color by 10%, you get $39.5112, 0.3509, 0.3088$, and if you desaturate by 10%, it is $56.9473, 0.3197, 0.3247$.

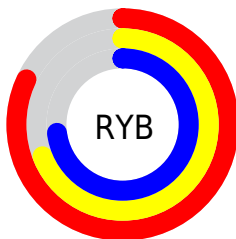
Distribution



Red (82%)

Green (69%)

Blue (73%)



Red (82%)

Yellow (69%)

Blue (73%)

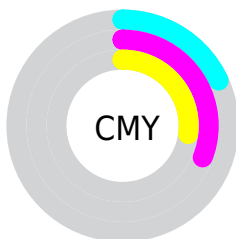


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (18%)



Cyan (18%)


Magenta (31%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5726, 0.3337, 0.3169 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 47.5726, 0.3337, 0.3169 by changing the saturation by 10% instead.


 47.5726, 0.3337,
0.3169

 47.5726, 0.3337,
0.3169


377.0955, 0.3233,
0.3229

 33.4885, 0.3363,
0.3154


 86.5677, 0.3299,
0.3191

 22.5010, 0.3396,
0.3135


112.2475, 0.3285,
0.3199

 14.2255, 0.3441,
0.3110


142.5614, 0.3273,
0.3206

 8.2776, 0.3502,
0.3074

177.8938, 0.3262,
0.3212

 4.2731, 0.3594,
0.3022

218.6290, 0.3253,
0.3217

 1.8275, 0.3745,
0.2937

265.1514, 0.3246,

 0.5042, 0.4244,

0.3222

0.2641

317.8454, 0.3239,
0.3226

0.0000, 0.0000,
0.0000

47.5726, 0.3337,
0.3169

47.5726, 0.3337,
0.3169

39.5112, 0.3509,
0.3088

56.9473, 0.3197,
0.3247

32.6981, 0.3718,
0.3005

67.6840, 0.3083,
0.3320

27.0721, 0.3969,
0.2927

79.8365, 0.2989,
0.3387

22.5644, 0.4265,
0.2860

91.3938, 0.2912,
0.3415

19.0992, 0.4600,
0.2814

92.1456, 0.2849,
0.3289

■ 16.5909, 0.4961,
0.2803

■ 14.9403, 0.5321,
0.2835

■ 14.0248, 0.5646,
0.2914

■ 13.7661, 0.5769,
0.2952

Harmonies

Analogous

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



47.5726, 0.3154, 0.3043



47.5726, 0.3337, 0.3169



47.5726, 0.3465, 0.3327

Triad

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



47.5726, 0.3337, 0.3169



47.5726, 0.3281, 0.3622



47.5726, 0.2768, 0.3083

Complementary

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



47.5726, 0.3337, 0.3169



58.2886, 0.2954, 0.3415

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.



47.5726, 0.2800, 0.3237



47.5726, 0.3337, 0.3169



47.5726, 0.3092, 0.3557

Square

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



47.5726, 0.3337, 0.3169



47.5726, 0.3431, 0.3592



47.5726, 0.2917, 0.3413



47.5726, 0.2828, 0.2991

Rectangle

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



47.5726, 0.3337, 0.3169



47.5726, 0.3500, 0.3433



47.5726, 0.2917, 0.3413



47.5726, 0.2768, 0.3129

Sweetspot

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



47.5747, 0.3337, 0.3169



91.5744, 0.3187, 0.3253



47.1607, 0.3057, 0.2890



19.3568, 0.3196, 0.3247



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.



47.5747, 0.3337, 0.3169



70.9022, 0.3391, 0.3142



49.5719, 0.3413, 0.3365



11.8665, 0.3243, 0.3220



8.5977, 0.5733, 0.2932



0.4948, 0.5203, 0.2640

Inverse Universe

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



47.5747, 0.3337, 0.3169



70.9022, 0.3391, 0.3142



55.8758, 0.2886, 0.3214



11.8665, 0.3243, 0.3220



8.5977, 0.5733, 0.2932



0.4948, 0.5203, 0.2640

Previews

White Background



This preview shows how the Yxy color 47.5726, 0.3337, 0.3169 looks on a white background.

Color Contrast Check

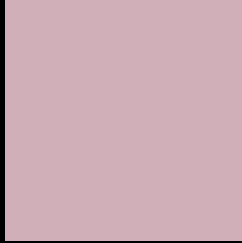
Large Text (above 18pt) WCAG AA × Fail

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 47.5726, 0.3337, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

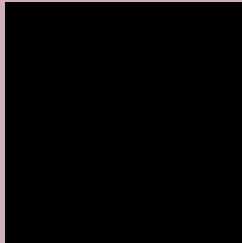
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5726, 0.3337, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 47.5726, 0.3337, 0.3169.



This preview shows how white text looks on a background with the Yxy color 47.5726, 0.3337, 0.3169.

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

47.5726, 0.3337, 0.3169

Protanopia

47.8554, 0.3097, 0.3213

Deuteranopia

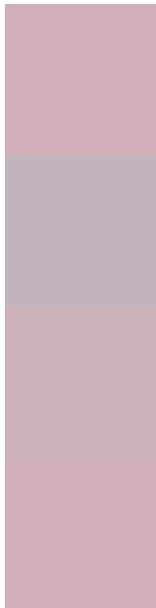
47.7190, 0.3280, 0.3216



Tritanopia

47.7007, 0.3312, 0.3133

Trichromacy



Original Color

47.5726, 0.3337, 0.3169

Protanomaly

47.6108, 0.3175, 0.3190

Deuteranomaly

47.7423, 0.3307, 0.3205

Tritanomaly

47.6577, 0.3320, 0.3145

Monochromacy



Original Color

47.5726, 0.3337, 0.3169

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.4704, 0.3198, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5726, 0.3337, 0.3169 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(208, 175, 185)` looks like.

```
.text, #text, p{  
    color:rgb(208, 175, 185)  
}
```

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(208, 175, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 175, 185) }
```

Border

The CSS property to change the border of an element to Yxy 47.5726, 0.3337, 0.3169 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(208, 175, 185) }
```

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

```
.border{ border-color:rgb(208, 175, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 175, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 175, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 175, 185);  
box-shadow:4px 4px 4px 4px rgb(208, 175,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5726, 0.3337, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 175, 185) }
```

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

```
.background{ background-color: rgb(208,  
175, 185) }
```

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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