

Converting Colors

$Yxy(36.1623, 0.3828, 0.3069)$

Have a look what the booklet for
Yxy(36.1623, 0.3828, 0.3069)
contains.

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Color

Yxy(36.2717, 0.3827, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	DD8B9D
RGB	221, 139, 157
RGB Percent	87%, 55%, 62%
CMY	0.1335, 0.4548, 0.3843
CMYK	0.00, 0.37, 0.29, 0.13
HSL	347°, 55%, 71%
HSV	347°, 37%, 87%
XYZ	45.1274, 36.2717, 36.5193
YIQ	165.5700, 43.0940, 22.9820

Conversions

Conversions Part 2

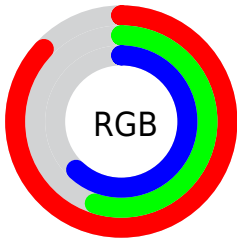
Format	Color
R _{YB}	221, 139, 157
Decimal	14519197
CIE Lab	66.73, 33.48, 3.67
CIE LCh	67, 33.684, 6.263
Yxy	36.2717, 0.3827, 0.3076
Android (android.graphics.Color)	4292709277 (0xFFDD8B9D)
YUV	165.5700, -4.2250, 48.6121
Hunter-Lab	60.2260, 28.3547, 6.2064

Details

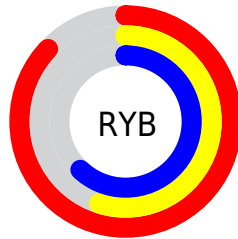
The Yxy color **36.2717, 0.3827, 0.3076** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.4934, 0.2707, 0.3521**, and the grayscale version is **37.9216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1031, 0.3492, 0.3106**, and **15.7495, 0.4052, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **29.9586, 0.4121, 0.3021**, and if you desaturate by 10%, it is **43.9646, 0.3583, 0.3136**.

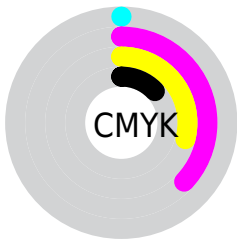
Distribution



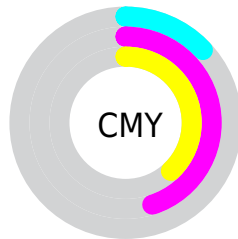
- Red (87%)
- Green (55%)
- Blue (62%)



- Red (87%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (37%)
- Yellow (29%)
- Black (13%)





- Cyan (13%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2717, 0.3827, 0.3076 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 36.2717, 0.3827, 0.3076 by changing the saturation by 10% instead.


 36.2717, 0.3827,
0.3076


 36.2717, 0.3827,
0.3076


330.1465, 0.3461,
0.3191


 24.6441, 0.3924,
0.3045


 69.4512, 0.3690,
0.3120

 15.8121, 0.4051,
0.3002


 91.7719, 0.3640,
0.3136

 9.3913, 0.4225,
0.2943


 118.4258, 0.3598,
0.3149

 4.9973, 0.4479,
0.2855

149.7973, 0.3562,
0.3160

 2.2457, 0.4879,
0.2710

186.2707, 0.3532,
0.3170

 0.7447, 0.5708,
0.2461

228.2304, 0.3505,

 0.0000, 1.0000,

0.3178

0.0000

276.0609, 0.3482,
0.3185

■ 0.0000, 0.0000,
0.0000

■ 36.2717, 0.3827,
0.3076

■ 36.2717, 0.3827,
0.3076

■ 29.9586, 0.4121,
0.3021

■ 43.9646, 0.3583,
0.3136

■ 24.9382, 0.4467,
0.2977

■ 53.1071, 0.3384,
0.3195

■ 21.1218, 0.4856,
0.2953

■ 63.7707, 0.3222,
0.3252

■ 18.4069, 0.5263,
0.2959

■ 76.0203, 0.3092,
0.3305

■ 16.6741, 0.5649,
0.3003

■ 89.9174, 0.2986,
0.3354

■ 15.7673, 0.5968,
0.3082

■ 94.1055, 0.2923,
0.3289

■ 15.5827, 0.6047,
0.3105

Harmonies

Analogous

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



36.2717, 0.3341, 0.2741



36.2717, 0.3827, 0.3076



36.2717, 0.4116, 0.3475

Triad

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



36.2717, 0.3827, 0.3076



36.2717, 0.3364, 0.4206



36.2717, 0.2224, 0.2628

Complementary

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



36.2717, 0.3827, 0.3076



61.4934, 0.2707, 0.3521

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.



36.2717, 0.2230, 0.2975



36.2717, 0.3827, 0.3076



36.2717, 0.2862, 0.3950

Square

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



36.2717, 0.3827, 0.3076



36.2717, 0.3824, 0.4151



36.2717, 0.2453, 0.3470



36.2717, 0.2432, 0.2481

Rectangle

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



36.2717, 0.3827, 0.3076



36.2717, 0.4145, 0.3741



36.2717, 0.2453, 0.3470



36.2717, 0.2201, 0.2722

Sweetspot

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



36.2734, 0.3827, 0.3076



82.0598, 0.3283, 0.3230



36.2263, 0.2992, 0.2326



17.1307, 0.3305, 0.3222



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.



36.2734, 0.3827, 0.3076



43.6500, 0.4036, 0.3035



42.6772, 0.3931, 0.3555



13.0980, 0.3257, 0.3239



9.0700, 0.6011, 0.3085



0.6006, 0.5551, 0.2832

Inverse Universe

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



36.2734, 0.3827, 0.3076



43.6500, 0.4036, 0.3035



51.6073, 0.2570, 0.3005



13.0980, 0.3257, 0.3239



9.0700, 0.6011, 0.3085



0.6006, 0.5551, 0.2832

Previews

White Background



This preview shows how the Yxy color 36.2717, 0.3827, 0.3076 looks on a white background.

Color Contrast Check

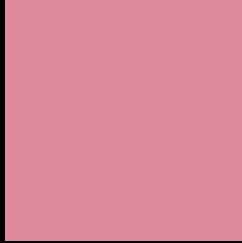
Large Text (above 18pt) WCAG AA × Fail

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 36.2717, 0.3827, 0.3076 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 36.2717, 0.3827, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 36.2717, 0.3827, 0.3076.



This preview shows how white text looks on a background with the Yxy color 36.2717, 0.3827, 0.3076.

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

36.2717, 0.3827, 0.3076

Protanopia

36.5295, 0.3067, 0.3176

Deuteranopia

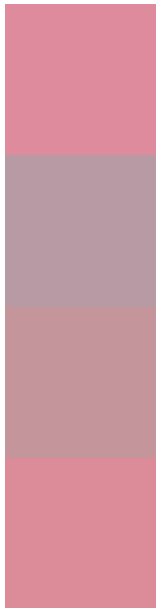
36.3921, 0.3405, 0.3332



Tritanopia

36.2062, 0.3881, 0.3159

Trichromacy



Original Color

36.2717, 0.3827, 0.3076

Protanomaly

36.0182, 0.3324, 0.3141

Deuteranomaly

35.9150, 0.3555, 0.3225

Tritanomaly

36.2717, 0.3859, 0.3135

Monochromacy



Original Color

36.2717, 0.3827, 0.3076

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.8604, 0.3360, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2717, 0.3827, 0.3076 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(221, 139, 157)` looks like.

```
.text, #text, p{  
    color:rgb(221, 139, 157)  
}
```

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(221, 139, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 139, 157) }
```

Border

The CSS property to change the border of an element to Yxy 36.2717, 0.3827, 0.3076 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(221, 139, 157) }
```

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

```
.border{ border-color:rgb(221, 139, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 139, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 139, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 139, 157);  
box-shadow:4px 4px 4px 4px rgb(221, 139,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2717, 0.3827, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 139, 157) }
```

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

```
.background{ background-color: rgb(221,  
139, 157) }
```

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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