

Converting Colors

$Yxy(36.9860, 0.3543, 0.3001)$

Have a look what the booklet for
Yxy(36.9860, 0.3543, 0.3001)
contains.

| | |
|--|----|
| Yxy(36.8322, 0.3543, 0.3003) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(36.8322, 0.3543, 0.3003)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D092A9 |
| RGB | 208, 146, 169 |
| RGB Percent | 82%, 57%, 66% |
| CMY | 0.1843, 0.4275, 0.3372 |
| CMYK | 0.00, 0.30, 0.19, 0.18 |
| HSL | 338°, 40%, 69% |
| HSV | 338°, 30%, 82% |
| XYZ | 43.4554, 36.8322, 42.3638 |
| YIQ | 167.1600, 29.5690, 20.2970 |

Conversions

Conversions Part 2

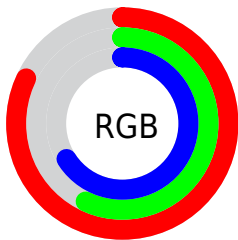
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 208, 146, 169 |
| Decimal | 13669033 |
| CIE _{Lab} | 67.15, 26.78, -2.64 |
| CIE _{LCh} | 67, 26.908, 354.362 |
| Yxy | 36.8322, 0.3543, 0.3003 |
| Android (android.graphics.Color) | 4291859113 (0xFFD092A9) |
| YUV | 167.1600, 0.9071, 35.8167 |
| Hunter-Lab | 60.6895, 21.6042, 1.0958 |

Details

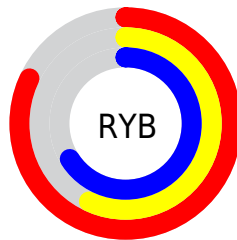
The Yxy color **36.8322, 0.3543, 0.3003** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.7284, 0.2839, 0.3599**, and the grayscale version is **38.7117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9504, 0.3379, 0.3048**, and **16.2411, 0.3678, 0.2923** is the 20% darker color. If you saturate the color by 10%, you get **30.5269, 0.3744, 0.2903**, and if you desaturate by 10%, it is **44.3567, 0.3376, 0.3103**.

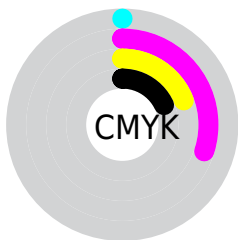
Distribution



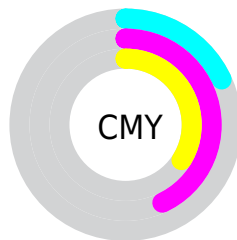
- Red (82%)
- Green (57%)
- Blue (66%)



- Red (82%)
- Yellow (57%)
- Blue (66%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)
- Black (18%)





- Cyan (18%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8322, 0.3543, 0.3003 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 36.8322, 0.3543, 0.3003 by changing the saturation by 10% instead.

 36.8322, 0.3543,
0.3003


 36.8322, 0.3543,
0.3003


332.5835, 0.3328,
0.3150

 25.0776, 0.3599,
0.2965

 70.3146, 0.3463,
0.3057

 16.1349, 0.3672,
0.2916


 92.8113, 0.3434,
0.3077

 9.6196, 0.3773,
0.2849


119.6573, 0.3409,
0.3094

 5.1475, 0.3918,
0.2753

151.2373, 0.3388,
0.3109

 2.3341, 0.4146,
0.2605

187.9355, 0.3370,
0.3121

 0.7917, 0.4558,
0.2340

230.1363, 0.3354,

 0.0000, 1.0000,

0.3132

0.0000


278.2242, 0.3340,
0.3142


 0.0000, 0.0000,
0.0000


 36.8322, 0.3543,
0.3003


 36.8322, 0.3543,
0.3003


 30.5269, 0.3744,
0.2903


 44.3567, 0.3376,
0.3103


 25.3709, 0.3983,
0.2811


 53.1553, 0.3238,
0.3200


 21.2951, 0.4260,
0.2735

 63.2856, 0.3125,
0.3292

 18.2209, 0.4567,
0.2687

 74.8000, 0.3033,
0.3377

 16.0584, 0.4893,
0.2679

 87.7485, 0.2957,
0.3455

■ 14.7020, 0.5213,
0.2722

■ 91.6767, 0.2888,
0.3367

■ 13.9619, 0.5508,
0.2809

■ 92.1509, 0.2849,
0.3289

■ 13.9498, 0.5514,
0.2811

Harmonies

Analogous

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



36.8322, 0.3135, 0.2761



36.8322, 0.3543, 0.3003



36.8322, 0.3846, 0.3318

Triad

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



36.8322, 0.3543, 0.3003



36.8322, 0.3480, 0.4024



36.8322, 0.2376, 0.2859

Complementary

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



36.8322, 0.3543, 0.3003



54.7284, 0.2839, 0.3599

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.



36.8322, 0.2455, 0.3195



36.8322, 0.3543, 0.3003



36.8322, 0.3078, 0.3912

Square

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



36.8322, 0.3543, 0.3003



36.8322, 0.3800, 0.3910



36.8322, 0.2706, 0.3594



36.8322, 0.2479, 0.2667

Rectangle

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



36.8322, 0.3543, 0.3003



36.8322, 0.3935, 0.3539



36.8322, 0.2706, 0.3594



36.8322, 0.2382, 0.2957

Sweetspot

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



36.8339, 0.3543, 0.3003



85.3266, 0.3229, 0.3207



35.3318, 0.2940, 0.2503



17.7913, 0.3248, 0.3193



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.



36.8339, 0.3543, 0.3003



51.5695, 0.3672, 0.2937



38.3454, 0.3762, 0.3384



11.8798, 0.3233, 0.3204



8.7109, 0.5477, 0.2791



0.5022, 0.4974, 0.2514

Inverse Universe

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



36.8339, 0.3543, 0.3003



51.5695, 0.3672, 0.2937



52.3328, 0.2690, 0.3194



11.8798, 0.3233, 0.3204



8.7109, 0.5477, 0.2791



0.5022, 0.4974, 0.2514

Previews

White Background



This preview shows how the Yxy color 36.8322, 0.3543, 0.3003 looks on a white background.

Color Contrast Check

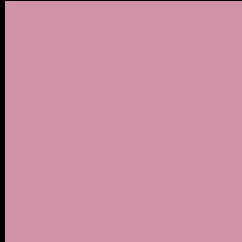
Large Text (above 18pt) WCAG AA × Fail

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 36.8322, 0.3543, 0.3003 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 36.8322, 0.3543, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 36.8322, 0.3543, 0.3003.



This preview shows how white text looks on a background with the Yxy color 36.8322, 0.3543, 0.3003.

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

36.8322, 0.3543, 0.3003

Protanopia

37.1304, 0.2982, 0.3064

Deuteranopia

37.0513, 0.3239, 0.3180



Tritanopia

36.9484, 0.3633, 0.3152

Trichromacy



Original Color

36.8322, 0.3543, 0.3003

Protanomaly

36.7928, 0.3177, 0.3045

Deuteranomaly

36.7572, 0.3345, 0.3104

Tritanomaly

36.7772, 0.3593, 0.3089

Monochromacy



Original Color

36.8322, 0.3543, 0.3003

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.5685, 0.3268, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8322, 0.3543, 0.3003 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, 146, 169)` looks like.

```
.text, #text, p{  
    color:rgb(208, 146, 169)  
}
```

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, 146, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 146, 169) }
```

Border

The CSS property to change the border of an element to Yxy 36.8322, 0.3543, 0.3003 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, 146, 169) }
```

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

```
.border{ border-color:rgb(208, 146, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 146, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 146, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 146, 169);  
box-shadow:4px 4px 4px 4px rgb(208, 146,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8322, 0.3543, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 146, 169) }
```

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

```
.background{ background-color: rgb(208,  
146, 169) }
```

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