

Converting Colors

$Y_{xy}(36.8900, 0.3787, 0.3224)$

Have a look what the booklet for
Yxy(36.8900, 0.3787, 0.3224)
contains.

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Color

Yxy(36.9383, 0.3786, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	D59297
RGB	213, 146, 151
RGB Percent	84%, 57%, 59%
CMY	0.1649, 0.4274, 0.4078
CMYK	0.00, 0.31, 0.29, 0.16
HSL	356°, 44%, 70%
HSV	356°, 31%, 84%
XYZ	43.2967, 36.9383, 34.1250
YIQ	166.6030, 38.3270, 15.7590

Conversions

Conversions Part 2

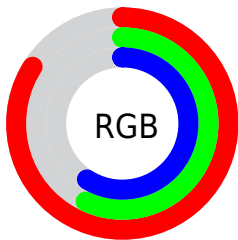
Format	Color
R _Y B	213, 146, 151
Decimal	13996695
CIE Lab	67.23, 25.96, 7.65
CIE LCh	67, 27.068, 16.414
Yxy	36.9383, 0.3786, 0.3230
Android (android.graphics.Color)	4292186775 (0xFFD59297)
YUV	166.6030, -7.6923, 40.6902
Hunter-Lab	60.7769, 20.8017, 9.2536

Details

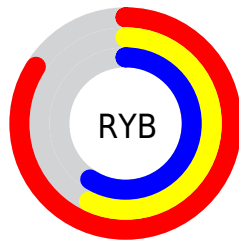
The Yxy color **36.9383, 0.3786, 0.3230** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.2354, 0.2707, 0.3353**, and the grayscale version is **38.4653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9763, 0.3527, 0.3240**, and **16.2726, 0.4004, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **30.3854, 0.4105, 0.3211**, and if you desaturate by 10%, it is **44.8248, 0.3526, 0.3250**.

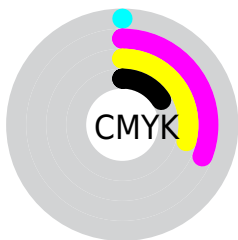
Distribution



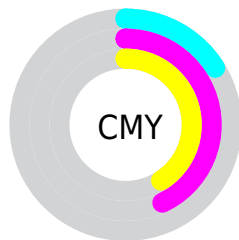
- Red (84%)
- Green (57%)
- Blue (59%)



- Red (84%)
- Yellow (57%)
- Blue (59%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (16%)





- Cyan (16%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9383, 0.3786, 0.3230 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 36.9383, 0.3786, 0.3230 by changing the saturation by 10% instead.


 36.9383, 0.3786,
0.3230

 36.9383, 0.3786,
0.3230


333.0433, 0.3441,
0.3268

 25.1597, 0.3877,
0.3218


 70.4779, 0.3657,
0.3246

 16.1961, 0.3997,
0.3201


 93.0077, 0.3610,
0.3251

 9.6630, 0.4162,
0.3175


119.8900, 0.3570,
0.3255

 5.1761, 0.4403,
0.3132

151.5092, 0.3536,
0.3258

 2.3510, 0.4784,
0.3053

188.2498, 0.3508,
0.3261

 0.8005, 0.5727,
0.3007

230.4961, 0.3482,


 0.0000, 1.0000,


0.3264

0.0000


278.6324, 0.3460,
0.3266

 0.0000, 0.0000,
0.0000


 36.9383, 0.3786,
0.3230


 36.9383, 0.3786,
0.3230

 30.3854, 0.4105,
0.3211


 44.8248, 0.3526,
0.3250


 25.0874, 0.4487,
0.3196


 54.1073, 0.3316,
0.3269


 20.9657, 0.4923,
0.3187

 64.8507, 0.3148,
0.3288

 17.9305, 0.5384,
0.3190

 77.1142, 0.3013,
0.3304

 15.8792, 0.5815,
0.3206

 90.9538, 0.2905,
0.3320

■ 14.6892, 0.6151,
0.3236

■ 92.8802, 0.2877,
0.3289

■ 14.1771, 0.6331,
0.3262

Harmonies

Analogous

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



36.9383, 0.3441, 0.2928



36.9383, 0.3786, 0.3230



36.9383, 0.3942, 0.3562

Triad

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



36.9383, 0.3786, 0.3230



36.9383, 0.3187, 0.3968



36.9383, 0.2431, 0.2699

Complementary

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



36.9383, 0.3786, 0.3230



58.2354, 0.2707, 0.3353

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.



36.9383, 0.2376, 0.2934



36.9383, 0.3786, 0.3230



36.9383, 0.2794, 0.3694

Square

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



36.9383, 0.3786, 0.3230



36.9383, 0.3579, 0.4017



36.9383, 0.2503, 0.3299



36.9383, 0.2661, 0.2628

Rectangle

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



36.9383, 0.3786, 0.3230



36.9383, 0.3914, 0.3766



36.9383, 0.2503, 0.3299



36.9383, 0.2392, 0.2760

Sweetspot

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



36.9401, 0.3786, 0.3230



84.9278, 0.3274, 0.3274



38.6882, 0.3112, 0.2501



17.6938, 0.3300, 0.3271



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.



36.9401, 0.3786, 0.3230



48.4754, 0.4002, 0.3217



46.4556, 0.3734, 0.3634



12.4356, 0.3280, 0.3273



8.6694, 0.6314, 0.3252



0.5282, 0.6061, 0.3113

Inverse Universe

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



36.9401, 0.3786, 0.3230



48.4754, 0.4002, 0.3217



45.6429, 0.2635, 0.2918



12.4356, 0.3280, 0.3273



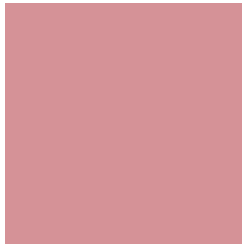
8.6694, 0.6314, 0.3252



0.5282, 0.6061, 0.3113

Previews

White Background



This preview shows how the Yxy color 36.9383, 0.3786, 0.3230 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 36.9383, 0.3786, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

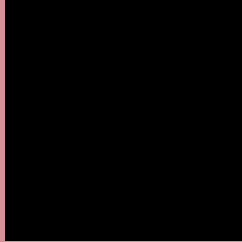
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9383, 0.3786, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 36.9383, 0.3786, 0.3230.



This preview shows how white text looks on a background with the Yxy color 36.9383, 0.3786, 0.3230.

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

36.9383, 0.3786, 0.3230

Protanopia

37.0573, 0.3201, 0.3333

Deuteranopia

36.9379, 0.3481, 0.3415



Tritanopia

36.7972, 0.3736, 0.3155

Trichromacy



Original Color

36.9383, 0.3786, 0.3230

Protanomaly

36.7386, 0.3396, 0.3291

Deuteranomaly

36.9153, 0.3585, 0.3345

Tritanomaly

36.7300, 0.3757, 0.3180

Monochromacy



Original Color

36.9383, 0.3786, 0.3230

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.5598, 0.3354, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9383, 0.3786, 0.3230 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(213, 146, 151)` looks like.

```
.text, #text, p{  
    color:rgb(213, 146, 151)  
}
```

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(213, 146, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 146, 151) }
```

Border

The CSS property to change the border of an element to Yxy 36.9383, 0.3786, 0.3230 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(213, 146, 151) }
```

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

```
.border{ border-color:rgb(213, 146, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 146, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 146, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 146, 151);  
box-shadow:4px 4px 4px 4px rgb(213, 146,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9383, 0.3786, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 146, 151) }
```

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

```
.background{ background-color: rgb(213,  
146, 151) }
```

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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