

Converting Colors

$Y_{xy}(36.7573, 0.3665, 0.3064)$

Have a look what the booklet for
Yxy(36.7573, 0.3665, 0.3064)
contains.

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Color

Yxy(36.7370, 0.3663, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	D590A3
RGB	213, 144, 163
RGB Percent	84%, 56%, 64%
CMY	0.1648, 0.4352, 0.3608
CMYK	0.00, 0.32, 0.23, 0.16
HSL	343°, 45%, 70%
HSV	343°, 32%, 84%
XYZ	44.0195, 36.7370, 39.4169
YIQ	166.7970, 35.0250, 20.5370

Conversions

Conversions Part 2

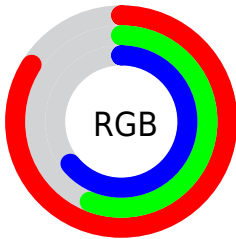
Format	Color
R _Y B	213, 144, 163
Decimal	13996195
CIE Lab	67.08, 28.75, 0.70
CIE LCh	67, 28.755, 1.395
Yxy	36.7370, 0.3663, 0.3057
Android (android.graphics.Color)	4292186275 (0xFFD590A3)
YUV	166.7970, -1.8719, 40.5200
Hunter-Lab	60.6111, 23.5684, 3.8700

Details

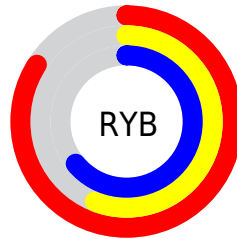
The Yxy color **36.7370, 0.3663, 0.3057** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.4042, 0.2777, 0.3539**, and the grayscale version is **38.5369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7101, 0.3428, 0.3087**, and **16.1445, 0.3838, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **30.3633, 0.3911, 0.2984**, and if you desaturate by 10%, it is **44.3987, 0.3458, 0.3132**.

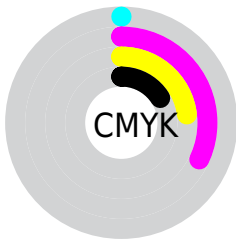
Distribution



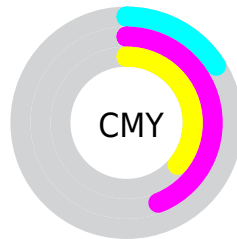
- Red (84%)
- Green (56%)
- Blue (64%)



- Red (84%)
- Yellow (56%)
- Blue (64%)



- Cyan (0%)
- Magenta (32%)
- Yellow (23%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7370, 0.3663, 0.3057 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 36.7370, 0.3663, 0.3057 by changing the saturation by 10% instead.


 36.7370, 0.3663,
0.3057


 36.7370, 0.3663,
0.3057


332.1705, 0.3384,
0.3179

 25.0039, 0.3736,
0.3025


 70.1681, 0.3559,
0.3103

 16.0800, 0.3832,
0.2983


 92.6349, 0.3521,
0.3119

 9.5808, 0.3964,
0.2924


119.4485, 0.3489,
0.3133

 5.1219, 0.4156,
0.2839

150.9931, 0.3462,
0.3145

 2.3190, 0.4459,
0.2704

187.6532, 0.3438,
0.3155

 0.7837, 0.5023,
0.2456

229.8132, 0.3418,


 0.0000, 1.0000,


0.3164


0.0000

277.8575, 0.3400,
0.3172


 0.0000, 0.0000,
0.0000


 36.7370, 0.3663,
0.3057


 36.7370, 0.3663,
0.3057


 30.3633, 0.3911,
0.2984


 44.3987, 0.3458,
0.3132

 25.2015, 0.4205,
0.2919


 53.4087, 0.3291,
0.3205


 21.1752, 0.4544,
0.2872

 63.8298, 0.3156,
0.3274

 18.1973, 0.4915,
0.2853

 75.7194, 0.3045,
0.3338

 16.1679, 0.5294,
0.2873

 89.1316, 0.2955,
0.3397

■ 14.9673, 0.5642,
0.2938

■ 92.8831, 0.2877,
0.3289

■ 14.4547, 0.5871,
0.3008

Harmonies

Analogous

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



36.7370, 0.3239, 0.2778



36.7370, 0.3663, 0.3057



36.7370, 0.3942, 0.3400

Triad

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



36.7370, 0.3663, 0.3057



36.7370, 0.3405, 0.4072



36.7370, 0.2336, 0.2765

Complementary

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



36.7370, 0.3663, 0.3057



57.4042, 0.2777, 0.3539

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.



36.7370, 0.2374, 0.3091



36.7370, 0.3663, 0.3057



36.7370, 0.2973, 0.3895

Square

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



36.7370, 0.3663, 0.3057



36.7370, 0.3778, 0.3998



36.7370, 0.2600, 0.3516



36.7370, 0.2489, 0.2604

Rectangle

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



36.7370, 0.3663, 0.3057



36.7370, 0.3998, 0.3632



36.7370, 0.2600, 0.3516



36.7370, 0.2327, 0.2857

Sweetspot

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



36.7387, 0.3663, 0.3057



83.6619, 0.3258, 0.3221



36.1500, 0.2982, 0.2445



17.4536, 0.3279, 0.3211



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.



36.7387, 0.3663, 0.3057



48.3015, 0.3832, 0.3005



40.9393, 0.3810, 0.3477



12.4764, 0.3248, 0.3226



8.8464, 0.5834, 0.2988



0.5476, 0.5334, 0.2712

Inverse Universe

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



36.7387, 0.3663, 0.3057



48.3015, 0.3832, 0.3005



51.1392, 0.2644, 0.3093



12.4764, 0.3248, 0.3226



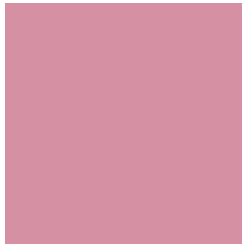
8.8464, 0.5834, 0.2988



0.5476, 0.5334, 0.2712

Previews

White Background



This preview shows how the Yxy color 36.7370, 0.3663, 0.3057 looks on a white background.

Color Contrast Check

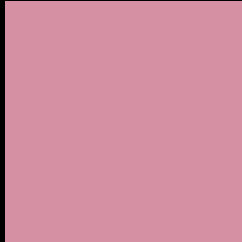
Large Text (above 18pt) WCAG AA × Fail

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 36.7370, 0.3663, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

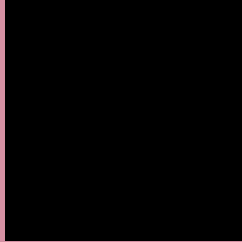
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7370, 0.3663, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 36.7370, 0.3663, 0.3057.



This preview shows how white text looks on a background with the Yxy color 36.7370, 0.3663, 0.3057.

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

36.7370, 0.3663, 0.3057

Protanopia

37.1429, 0.3042, 0.3134

Deuteranopia

36.8155, 0.3335, 0.3263



Tritanopia

36.6481, 0.3725, 0.3155

Trichromacy



Original Color

36.7370, 0.3663, 0.3057

Protanomaly

36.6243, 0.3254, 0.3100

Deuteranomaly

36.6931, 0.3456, 0.3185

Tritanomaly

36.7510, 0.3693, 0.3118

Monochromacy



Original Color

36.7370, 0.3663, 0.3057

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.7398, 0.3307, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7370, 0.3663, 0.3057 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, 144, 163)` looks like.

```
.text, #text, p{  
    color:rgb(213, 144, 163)  
}
```

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, 144, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 144, 163) }
```

Border

The CSS property to change the border of an element to Yxy 36.7370, 0.3663, 0.3057 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, 144, 163) }
```

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

```
.border{ border-color:rgb(213, 144, 163) }
```

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

Here you see how a box with a 4 pixel rgb(213, 144, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 144, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 144, 163);  
box-shadow:4px 4px 4px 4px rgb(213, 144,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7370, 0.3663, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 144, 163) }
```

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

```
.background{ background-color: rgb(213,  
144, 163) }
```

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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