

Converting Colors

$Yxy(37.0857, 0.3621, 0.3023)$

Have a look what the booklet for
Yxy(37.0857, 0.3621, 0.3023)
contains.

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Color

Yxy(37.1870, 0.3618, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	D591A7
RGB	213, 145, 167
RGB Percent	84%, 57%, 65%
CMY	0.1646, 0.4314, 0.3450
CMYK	0.00, 0.32, 0.22, 0.16
HSL	341°, 45%, 70%
HSV	341°, 32%, 84%
XYZ	44.5505, 37.1870, 41.3982
YIQ	167.8400, 33.4660, 21.2580

Conversions

Conversions Part 2

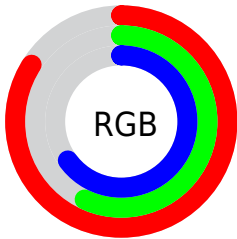
Format	Color
R _{YB}	213, 145, 167
Decimal	13996455
CIE Lab	67.42, 28.84, -1.07
CIE LCh	67, 28.859, 357.881
Yxy	37.1870, 0.3618, 0.3020
Android (android.graphics.Color)	4292186535 (0xFFD591A7)
YUV	167.8400, -0.4141, 39.6053
Hunter-Lab	60.9811, 23.6883, 2.4366

Details

The Yxy color **37.1870, 0.3618, 0.3020** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.3876, 0.2800, 0.3581**, and the grayscale version is **39.0668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3808, 0.3396, 0.3057**, and **16.4113, 0.3771, 0.2947** is the 20% darker color. If you saturate the color by 10%, you get **30.7745, 0.3845, 0.2934**, and if you desaturate by 10%, it is **44.8830, 0.3430, 0.3108**.

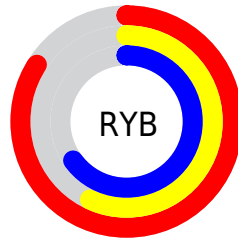
Distribution



Red (84%)

Green (57%)

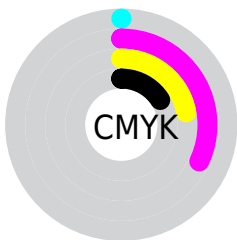
Blue (65%)



Red (84%)

Yellow (57%)

Blue (65%)

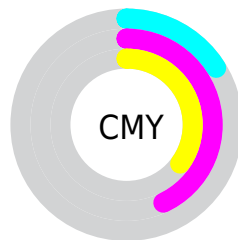


Cyan (0%)

Magenta (32%)

Yellow (22%)

Black (16%)



Cyan (16%)


Magenta (43%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1870, 0.3618, 0.3020 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 37.1870, 0.3618, 0.3020 by changing the saturation by 10% instead.


 37.1870, 0.3618,
0.3020


 37.1870, 0.3618,
0.3020


334.1194, 0.3364,
0.3159

 25.3523, 0.3684,
0.2984


 70.8603, 0.3524,
0.3072

 16.3397, 0.3771,
0.2937


 93.4677, 0.3489,
0.3091

 9.7649, 0.3890,
0.2872


120.4348, 0.3460,
0.3107

 5.2433, 0.4062,
0.2780

152.1460, 0.3435,
0.3120

 2.3907, 0.4332,
0.2636

188.9856, 0.3413,
0.3132

 0.8211, 0.4815,
0.2379

231.3381, 0.3395,

 0.0000, 1.0000,

0.3142

0.0000

279.5880, 0.3378,
0.3151

0.0000, 0.0000,
0.0000

37.1870, 0.3618,
0.3020

37.1870, 0.3618,
0.3020

30.7745, 0.3845,
0.2934

44.8830, 0.3430,
0.3108

25.5699, 0.4115,
0.2856

53.9222, 0.3275,
0.3194

21.4978, 0.4426,
0.2796


64.3668, 0.3149,
0.3275

18.4721, 0.4768,
0.2766


76.2736, 0.3046,
0.3350

16.3941, 0.5122,
0.2778

89.6962, 0.2962,
0.3420

 15.1456, 0.5458,
0.2838

 92.7927, 0.2886,
0.3305

 14.5812, 0.5700,
0.2914

 92.8918, 0.2877,
0.3289

Harmonies

Analogous

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



37.1870, 0.3186, 0.2752



37.1870, 0.3618, 0.3020



37.1870, 0.3921, 0.3358

Triad

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



37.1870, 0.3618, 0.3020



37.1870, 0.3454, 0.4076



37.1870, 0.2331, 0.2795

Complementary

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



37.1870, 0.3618, 0.3020



57.3876, 0.2800, 0.3581

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.



37.1870, 0.2391, 0.3138



37.1870, 0.3618, 0.3020



37.1870, 0.3023, 0.3928

Square

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



37.1870, 0.3618, 0.3020



37.1870, 0.3812, 0.3976



37.1870, 0.2637, 0.3566



37.1870, 0.2462, 0.2614

Rectangle

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



37.1870, 0.3618, 0.3020



37.1870, 0.3996, 0.3592



37.1870, 0.2637, 0.3566



37.1870, 0.2330, 0.2893

Sweetspot

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



37.1887, 0.3618, 0.3020



83.7345, 0.3250, 0.3209



36.0449, 0.2954, 0.2450



17.4710, 0.3269, 0.3197



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.



37.1887, 0.3618, 0.3020



49.4427, 0.3760, 0.2964



40.0825, 0.3812, 0.3433



12.4864, 0.3241, 0.3215



8.9200, 0.5662, 0.2893



0.5530, 0.5169, 0.2621

Inverse Universe

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



37.1887, 0.3618, 0.3020



49.4427, 0.3760, 0.2964



52.9228, 0.2655, 0.3141



12.4864, 0.3241, 0.3215



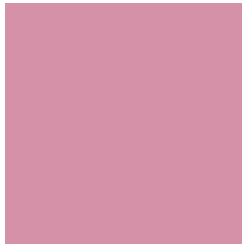
8.9200, 0.5662, 0.2893



0.5530, 0.5169, 0.2621

Previews

White Background



This preview shows how the Yxy color 37.1870, 0.3618, 0.3020 looks on a white background.

Color Contrast Check

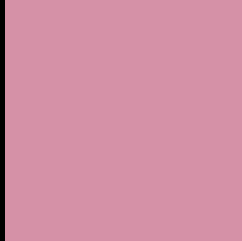
Large Text (above 18pt) WCAG AA × Fail

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 37.1870, 0.3618, 0.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

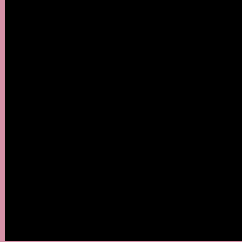
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1870, 0.3618, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 37.1870, 0.3618, 0.3020.



This preview shows how white text looks on a background with the Yxy color 37.1870, 0.3618, 0.3020.

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

37.1870, 0.3618, 0.3020

Protanopia

37.3013, 0.3008, 0.3079

Deuteranopia

37.1799, 0.3286, 0.3222



Tritanopia

37.3331, 0.3698, 0.3155

Trichromacy



Original Color

37.1870, 0.3618, 0.3020

Protanomaly

36.7780, 0.3216, 0.3047

Deuteranomaly

37.0343, 0.3404, 0.3145

Tritanomaly

37.1280, 0.3669, 0.3105

Monochromacy



Original Color

37.1870, 0.3618, 0.3020

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.1591, 0.3287, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1870, 0.3618, 0.3020 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, 145, 167)` looks like.

```
.text, #text, p{  
    color:rgb(213, 145, 167)  
}
```

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, 145, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 145, 167) }
```

Border

The CSS property to change the border of an element to Yxy 37.1870, 0.3618, 0.3020 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, 145, 167) }
```

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

```
.border{ border-color:rgb(213, 145, 167) }
```

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

Here you see how a box with a 4 pixel rgb(213, 145, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 145, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 145, 167);  
box-shadow:4px 4px 4px 4px rgb(213, 145,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1870, 0.3618, 0.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 145, 167) }
```

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

```
.background{ background-color: rgb(213,  
145, 167) }
```

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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