

Converting Colors

$Yxy(36.9785, 0.3704, 0.3203)$

Have a look what the booklet for
Yxy(36.9785, 0.3704, 0.3203)
contains.

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Color

Yxy(37.1017, 0.3696, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	D1949B
RGB	209, 148, 155
RGB Percent	82%, 58%, 61%
CMY	0.1802, 0.4197, 0.3921
CMYK	0.00, 0.29, 0.26, 0.18
HSL	353°, 40%, 70%
HSV	353°, 29%, 82%
XYZ	42.8123, 37.1017, 35.9202
YIQ	167.0370, 34.1090, 15.1090

Conversions

Conversions Part 2

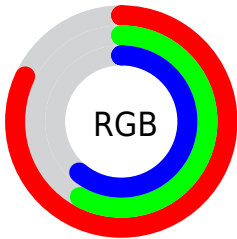
Format	Color
R _{YB}	209, 148, 155
Decimal	13735067
CIE Lab	67.35, 24.00, 5.52
CIE LCh	67, 24.623, 12.951
Yxy	37.1017, 0.3696, 0.3203
Android (android.graphics.Color)	4291925147 (0xFFD1949B)
YUV	167.0370, -5.9342, 36.8016
Hunter-Lab	60.9112, 18.8669, 7.6736

Details

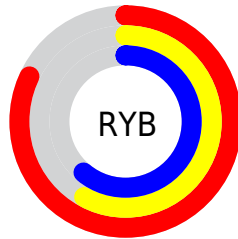
The Yxy color **37.1017, 0.3696, 0.3203** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.1855, 0.2749, 0.3381**, and the grayscale version is **38.6815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1045, 0.3492, 0.3219**, and **16.3212, 0.3871, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **30.5532, 0.3986, 0.3173**, and if you desaturate by 10%, it is **44.9331, 0.3460, 0.3234**.

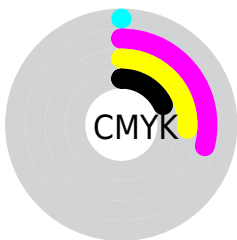
Distribution



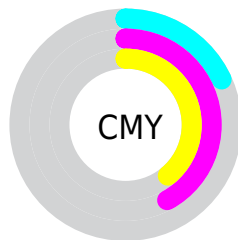
- Red (82%)
- Green (58%)
- Blue (61%)



- Red (82%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (29%)
- Yellow (26%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1017, 0.3696, 0.3203 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 37.1017, 0.3696, 0.3203 by changing the saturation by 10% instead.


 37.1017, 0.3696,
0.3203


 37.1017, 0.3696,
0.3203


333.7506, 0.3399,
0.3252

 25.2862, 0.3774,
0.3189


 70.7292, 0.3585,
0.3222

 16.2904, 0.3878,
0.3169


 93.3100, 0.3544,
0.3229

 9.7299, 0.4020,
0.3140


120.2480, 0.3510,
0.3235

 5.2203, 0.4227,
0.3095

151.9277, 0.3481,
0.3240

 2.3771, 0.4556,
0.3017

188.7334, 0.3456,
0.3244

 0.8141, 0.5284,
0.2920

231.0495, 0.3435,


 0.0000, 1.0000,


0.3247


0.0000


279.2605, 0.3416,
0.3250

 0.0000, 0.0000,
0.0000


 37.1017, 0.3696,
0.3203


 37.1017, 0.3696,
0.3203


 30.5532, 0.3986,
0.3173

 44.9331, 0.3460,
0.3234


 25.2144, 0.4336,
0.3146

 54.1053, 0.3269,
0.3264


 21.0124, 0.4742,
0.3128

 64.6788, 0.3116,
0.3292

 17.8647, 0.5184,
0.3124

 76.7090, 0.2993,
0.3318

 15.6774, 0.5623,
0.3140

 90.2484, 0.2893,
0.3341

■ 14.3399, 0.5997,
0.3178

■ 92.3028, 0.2855,
0.3289

■ 13.6710, 0.6256,
0.3227

■ 13.6291, 0.6273,
0.3229

Harmonies

Analogous

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



37.1017, 0.3371, 0.2932



37.1017, 0.3696, 0.3203



37.1017, 0.3861, 0.3507

Triad

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



37.1017, 0.3696, 0.3203



37.1017, 0.3227, 0.3919



37.1017, 0.2477, 0.2770

Complementary

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



37.1017, 0.3696, 0.3203



56.1855, 0.2749, 0.3381

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.



37.1017, 0.2445, 0.3002



37.1017, 0.3696, 0.3203



37.1017, 0.2864, 0.3692

Square

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



37.1017, 0.3696, 0.3203



37.1017, 0.3577, 0.3942



37.1017, 0.2582, 0.3343



37.1017, 0.2671, 0.2684

Rectangle

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



37.1017, 0.3696, 0.3203



37.1017, 0.3853, 0.3697



37.1017, 0.2582, 0.3343



37.1017, 0.2447, 0.2832

Sweetspot

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



37.1034, 0.3696, 0.3203



84.9818, 0.3267, 0.3264



38.3260, 0.3094, 0.2554



17.7069, 0.3293, 0.3260



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.



37.1034, 0.3696, 0.3203



51.5773, 0.3869, 0.3184



44.9741, 0.3688, 0.3583



11.8301, 0.3273, 0.3264



8.4061, 0.6250, 0.3217



0.4776, 0.5871, 0.3008

Inverse Universe

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



37.1034, 0.3696, 0.3203



51.5773, 0.3869, 0.3184



45.8668, 0.2674, 0.2976



11.8301, 0.3273, 0.3264



8.4061, 0.6250, 0.3217



0.4776, 0.5871, 0.3008

Previews

White Background



This preview shows how the Yxy color 37.1017, 0.3696, 0.3203 looks on a white background.

Color Contrast Check

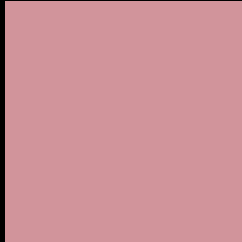
Large Text (above 18pt) WCAG AA × Fail

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 37.1017, 0.3696, 0.3203 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 37.1017, 0.3696, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 37.1017, 0.3696, 0.3203.



This preview shows how white text looks on a background with the Yxy color 37.1017, 0.3696, 0.3203.

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

37.1017, 0.3696, 0.3203

Protanopia

37.4467, 0.3155, 0.3290

Deuteranopia

37.2865, 0.3430, 0.3373



Tritanopia

36.9259, 0.3656, 0.3141

Trichromacy



Original Color

37.1017, 0.3696, 0.3203

Protanomaly

36.9720, 0.3336, 0.3249

Deuteranomaly

37.1132, 0.3521, 0.3305

Tritanomaly

36.8914, 0.3667, 0.3153

Monochromacy



Original Color

37.1017, 0.3696, 0.3203

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.7310, 0.3314, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1017, 0.3696, 0.3203 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(209, 148, 155)` looks like.

```
.text, #text, p{  
    color:rgb(209, 148, 155)  
}
```

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(209, 148, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 148, 155) }
```

Border

The CSS property to change the border of an element to Yxy 37.1017, 0.3696, 0.3203 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(209, 148, 155) }
```

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

```
.border{ border-color:rgb(209, 148, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 148, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 148, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 148, 155);  
box-shadow:4px 4px 4px 4px rgb(209, 148,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1017, 0.3696, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 148, 155) }
```

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

```
.background{ background-color: rgb(209,  
148, 155) }
```

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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