

Converting Colors

$Yxy(36.7531, 0.3726, 0.3180)$

Have a look what the booklet for
Yxy(36.7531, 0.3726, 0.3180)
contains.

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Color

Yxy(36.7732, 0.3723, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	D3929B
RGB	211, 146, 155
RGB Percent	83%, 57%, 61%
CMY	0.1724, 0.4275, 0.3922
CMYK	0.00, 0.31, 0.27, 0.17
HSL	352°, 43%, 70%
HSV	352°, 31%, 83%
XYZ	43.0659, 36.7732, 35.8362
YIQ	166.4610, 35.8510, 16.5790

Conversions

Conversions Part 2

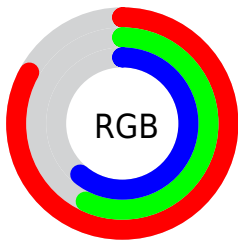
Format	Color
R _Y B	211, 146, 155
Decimal	13865627
CIE Lab	67.11, 25.82, 5.20
CIE LCh	67, 26.334, 11.390
Yxy	36.7732, 0.3723, 0.3179
Android (android.graphics.Color)	4292055707 (0xFFD3929B)
YUV	166.4610, -5.6503, 39.0607
Hunter-Lab	60.6409, 20.6455, 7.4107

Details

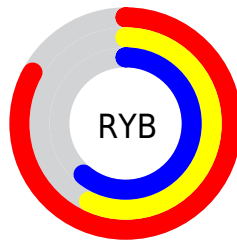
The Yxy color **36.7732, 0.3723, 0.3179** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.9808, 0.2739, 0.3406**, and the grayscale version is **38.3841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1720, 0.3495, 0.3199**, and **16.1525, 0.3911, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **30.2932, 0.4014, 0.3143**, and if you desaturate by 10%, it is **44.5495, 0.3485, 0.3217**.

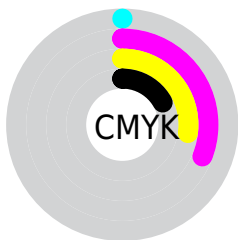
Distribution



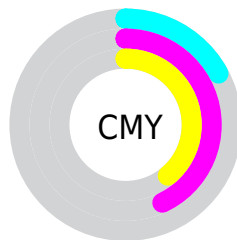
- Red (83%)
- Green (57%)
- Blue (61%)



- Red (83%)
- Yellow (57%)
- Blue (61%)



- Cyan (0%)
- Magenta (31%)
- Yellow (27%)
- Black (17%)




- Cyan (17%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7732, 0.3723, 0.3179 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 36.7732, 0.3723, 0.3179 by changing the saturation by 10% instead.


 36.7732, 0.3723,
0.3179


 36.7732, 0.3723,
0.3179


332.3276, 0.3411,
0.3241

 25.0319, 0.3805,
0.3161


 70.2238, 0.3606,
0.3203

 16.1009, 0.3914,
0.3137


 92.7020, 0.3564,
0.3212

 9.5955, 0.4063,
0.3102


119.5279, 0.3528,
0.3219

 5.1316, 0.4281,
0.3049

151.0860, 0.3498,
0.3225

 2.3247, 0.4627,
0.2956

187.7606, 0.3471,
0.3230

 0.7867, 0.5396,
0.2830

229.9361, 0.3449,

 0.0000, 1.0000,


0.3234


0.0000

277.9970, 0.3429,
0.3238


 0.0000, 0.0000,
0.0000

 36.7732, 0.3723,
0.3179


 36.7732, 0.3723,
0.3179

 30.2932, 0.4014,
0.3143

 44.5495, 0.3485,
0.3217


 25.0340, 0.4363,
0.3111

 53.6818, 0.3293,
0.3253


 20.9204, 0.4766,
0.3090

 64.2324, 0.3138,
0.3287

 17.8665, 0.5202,
0.3087

 76.2582, 0.3014,
0.3319

 15.7747, 0.5630,
0.3108

 89.8131, 0.2913,
0.3348

■ 14.5287, 0.5993,
0.3154

■ 92.5938, 0.2866,
0.3289

■ 13.9436, 0.6232,
0.3207

Harmonies

Analogous

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



36.7732, 0.3367, 0.2894



36.7732, 0.3723, 0.3179



36.7732, 0.3911, 0.3503

Triad

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



36.7732, 0.3723, 0.3179



36.7732, 0.3253, 0.3974



36.7732, 0.2427, 0.2741

Complementary

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



36.7732, 0.3723, 0.3179



56.9808, 0.2739, 0.3406

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.



36.7732, 0.2402, 0.2996



36.7732, 0.3723, 0.3179



36.7732, 0.2863, 0.3740

Square

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



36.7732, 0.3723, 0.3179



36.7732, 0.3625, 0.3985



36.7732, 0.2556, 0.3366



36.7732, 0.2624, 0.2644

Rectangle

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



36.7732, 0.3723, 0.3179



36.7732, 0.3910, 0.3708



36.7732, 0.2556, 0.3366



36.7732, 0.2398, 0.2810

Sweetspot

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



36.7749, 0.3723, 0.3179



85.0127, 0.3264, 0.3259



37.7154, 0.3072, 0.2507



17.7145, 0.3289, 0.3254



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.



36.7749, 0.3723, 0.3179



49.6724, 0.3908, 0.3155



44.2138, 0.3735, 0.3574



11.8345, 0.3269, 0.3258



8.4209, 0.6205, 0.3192



0.4797, 0.5778, 0.2956

Inverse Universe

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



36.7749, 0.3723, 0.3179



49.6724, 0.3908, 0.3155



46.8961, 0.2652, 0.2986



11.8345, 0.3269, 0.3258



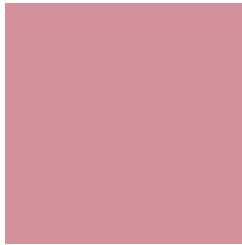
8.4209, 0.6205, 0.3192



0.4797, 0.5778, 0.2956

Previews

White Background



This preview shows how the Yxy color 36.7732, 0.3723, 0.3179 looks on a white background.

Color Contrast Check

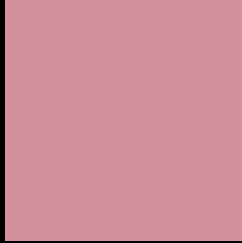
Large Text (above 18pt) WCAG AA × Fail

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 36.7732, 0.3723, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

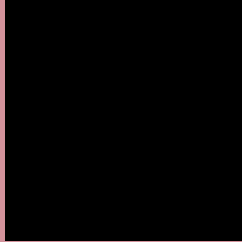
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7732, 0.3723, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 36.7732, 0.3723, 0.3179.



This preview shows how white text looks on a background with the Yxy color 36.7732, 0.3723, 0.3179.

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

36.7732, 0.3723, 0.3179

Protanopia

36.9817, 0.3147, 0.3276

Deuteranopia

36.9440, 0.3432, 0.3360



Tritanopia

36.8410, 0.3701, 0.3154

Trichromacy



Original Color

36.7732, 0.3723, 0.3179

Protanomaly

36.6322, 0.3337, 0.3236

Deuteranomaly

36.9136, 0.3534, 0.3291

Tritanomaly

36.8070, 0.3712, 0.3167

Monochromacy



Original Color

36.7732, 0.3723, 0.3179

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3500, 0.3324, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7732, 0.3723, 0.3179 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(211, 146, 155)` looks like.

```
.text, #text, p{  
    color:rgb(211, 146, 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(211, 146, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 146, 155) }
```

Border

The CSS property to change the border of an element to Yxy 36.7732, 0.3723, 0.3179 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(211, 146, 155) }
```

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

```
.border{ border-color:rgb(211, 146, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 146, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 146, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 146, 155);  
box-shadow:4px 4px 4px 4px rgb(211, 146,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7732, 0.3723, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 146, 155) }
```

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

```
.background{ background-color: rgb(211,  
146, 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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