

Converting Colors

$Yxy(36.2842, 0.3734, 0.3081)$

Have a look what the booklet for
Yxy(36.2842, 0.3734, 0.3081)
contains.

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Color

Yxy(36.2963, 0.3733, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	D78E9F
RGB	215, 142, 159
RGB Percent	84%, 56%, 62%
CMY	0.1570, 0.4431, 0.3765
CMYK	0.00, 0.34, 0.26, 0.16
HSL	346°, 48%, 70%
HSV	346°, 34%, 84%
XYZ	43.9488, 36.2963, 37.4854
YIQ	165.7650, 38.0510, 20.7630

Conversions

Conversions Part 2

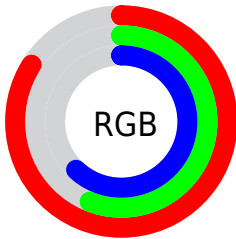
Format	Color
R _Y B	215, 142, 159
Decimal	14126751
CIE Lab	66.75, 29.98, 2.49
CIE LCh	67, 30.080, 4.752
Yxy	36.2963, 0.3733, 0.3083
Android (android.graphics.Color)	4292316831 (0xFFD78E9F)
YUV	165.7650, -3.3351, 43.1791
Hunter-Lab	60.2464, 24.7816, 5.2822

Details

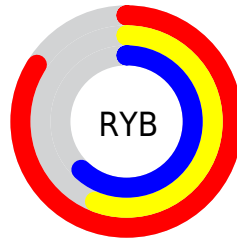
The Yxy color **36.2963, 0.3733, 0.3083** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.4175, 0.2744, 0.3511**, and the grayscale version is **38.0173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5949, 0.3463, 0.3107**, and **15.9358, 0.3925, 0.3015** is the 20% darker color. If you saturate the color by 10%, you get **29.9700, 0.4005, 0.3022**, and if you desaturate by 10%, it is **43.9360, 0.3509, 0.3146**.

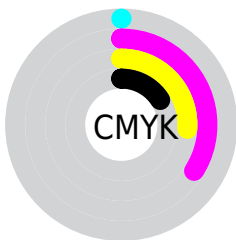
Distribution



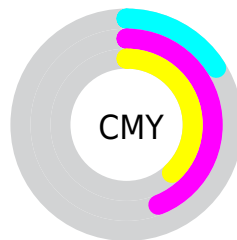
- Red (84%)
- Green (56%)
- Blue (62%)



- Red (84%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (34%)
- Yellow (26%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2963, 0.3733, 0.3083 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 36.2963, 0.3733, 0.3083 by changing the saturation by 10% instead.

 36.2963, 0.3733,
0.3083


 36.2963, 0.3733,
0.3083


330.2538, 0.3417,
0.3193

 24.6631, 0.3816,
0.3053


 69.4892, 0.3615,
0.3125

 15.8262, 0.3926,
0.3014


 91.8176, 0.3571,
0.3140

 9.4013, 0.4078,
0.2959


118.4800, 0.3535,
0.3152

 5.0038, 0.4298,
0.2877

149.8606, 0.3504,
0.3163

 2.2495, 0.4647,
0.2744

186.3439, 0.3478,
0.3172

 0.7468, 0.5352,
0.2505

228.3143, 0.3455,

 0.0000, 1.0000,

0.3180


0.0000


276.1561, 0.3434,
0.3187

 0.0000, 0.0000,
0.0000


 36.2963, 0.3733,
0.3083

 36.2963, 0.3733,
0.3083


 29.9700, 0.4005,
0.3022


 43.9360, 0.3509,
0.3146

 24.8779, 0.4328,
0.2970

 52.9524, 0.3326,
0.3209

 20.9400, 0.4696,
0.2936

 63.4107, 0.3177,
0.3268

 18.0648, 0.5094,
0.2930

 75.3704, 0.3057,
0.3323

 16.1468, 0.5487,
0.2960

 88.8877, 0.2960,
0.3373

■ 15.0582, 0.5831,
0.3030

■ 93.1831, 0.2888,
0.3289

■ 14.6734, 0.6006,
0.3082

Harmonies

Analogous

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



36.2963, 0.3296, 0.2782



36.2963, 0.3733, 0.3083



36.2963, 0.4002, 0.3444

Triad

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



36.2963, 0.3733, 0.3083



36.2963, 0.3367, 0.4106



36.2963, 0.2308, 0.2710

Complementary

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



36.2963, 0.3733, 0.3083



58.4175, 0.2744, 0.3511

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.



36.2963, 0.2324, 0.3033



36.2963, 0.3733, 0.3083



36.2963, 0.2915, 0.3891

Square

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



36.2963, 0.3733, 0.3083



36.2963, 0.3772, 0.4053



36.2963, 0.2538, 0.3475



36.2963, 0.2489, 0.2564

Rectangle

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



36.2963, 0.3733, 0.3083



36.2963, 0.4039, 0.3685



36.2963, 0.2538, 0.3475



36.2963, 0.2291, 0.2800

Sweetspot

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



36.2980, 0.3733, 0.3083



83.5989, 0.3265, 0.3232



36.2562, 0.3007, 0.2411



17.4384, 0.3287, 0.3223



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.



36.2980, 0.3733, 0.3083



46.3027, 0.3931, 0.3037



42.0526, 0.3840, 0.3531



12.4677, 0.3255, 0.3236



8.7925, 0.5970, 0.3062



0.5433, 0.5474, 0.2789

Inverse Universe

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



36.2980, 0.3733, 0.3083



46.3027, 0.3931, 0.3037



49.9210, 0.2615, 0.3033



12.4677, 0.3255, 0.3236



8.7925, 0.5970, 0.3062



0.5433, 0.5474, 0.2789

Previews

White Background



This preview shows how the Yxy color 36.2963, 0.3733, 0.3083 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 36.2963, 0.3733, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

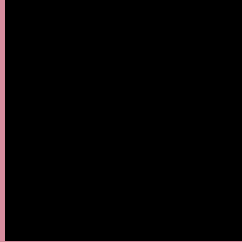
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2963, 0.3733, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 36.2963, 0.3733, 0.3083.



This preview shows how white text looks on a background with the Yxy color 36.2963, 0.3733, 0.3083.

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

36.2963, 0.3733, 0.3083

Protanopia

36.5295, 0.3067, 0.3176

Deuteranopia

36.3380, 0.3375, 0.3305



Tritanopia

36.2742, 0.3774, 0.3156

Trichromacy



Original Color

36.2963, 0.3733, 0.3083

Protanomaly

36.1409, 0.3293, 0.3140

Deuteranomaly

36.2283, 0.3498, 0.3224

Tritanomaly

36.3414, 0.3753, 0.3131

Monochromacy



Original Color

36.2963, 0.3733, 0.3083

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.9486, 0.3338, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2963, 0.3733, 0.3083 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(215, 142, 159)` looks like.

```
.text, #text, p{  
    color:rgb(215, 142, 159)  
}
```

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(215, 142, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 142, 159) }
```

Border

The CSS property to change the border of an element to Yxy 36.2963, 0.3733, 0.3083 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(215, 142, 159) }
```

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

```
.border{ border-color:rgb(215, 142, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 142, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 142, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 142, 159);  
box-shadow:4px 4px 4px 4px rgb(215, 142,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2963, 0.3733, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 142, 159) }
```

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

```
.background{ background-color: rgb(215,  
142, 159) }
```

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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