

Converting Colors

$Y_{xy}(36.0245, 0.3633, 0.2905)$

Have a look what the booklet for
Yxy(36.0245, 0.3633, 0.2905)
contains.

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Color

Yxy(36.1572, 0.3631, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	D98BAB
RGB	217, 139, 171
RGB Percent	85%, 55%, 67%
CMY	0.1491, 0.4548, 0.3295
CMYK	0.00, 0.36, 0.21, 0.15
HSL	335°, 51%, 70%
HSV	335°, 36%, 85%
XYZ	45.1934, 36.1572, 43.1148
YIQ	165.9700, 36.2160, 26.4880

Conversions

Conversions Part 2

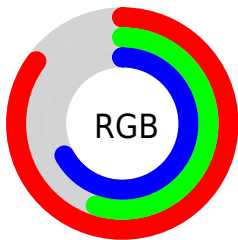
Format	Color
R _{YB}	217, 139, 171
Decimal	14257067
CIE Lab	66.64, 34.05, -4.38
CIE LCh	67, 34.330, 352.665
Yxy	36.1572, 0.3631, 0.2905
Android (android.graphics.Color)	4292447147 (0xFFD98BAB)
YUV	165.9700, 2.4798, 44.7533
Hunter-Lab	60.1309, 28.9287, -0.4203

Details

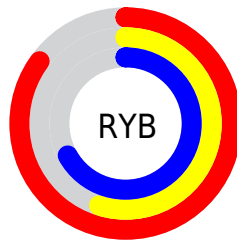
The Yxy color **36.1572, 0.3631, 0.2905** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.6116, 0.2804, 0.3716**, and the grayscale version is **38.0935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8909, 0.3373, 0.2956**, and **15.7254, 0.3793, 0.2782** is the 20% darker color. If you saturate the color by 10%, you get **30.0209, 0.3840, 0.2799**, and if you desaturate by 10%, it is **43.5912, 0.3455, 0.3016**.

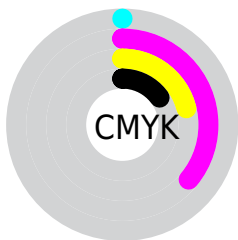
Distribution



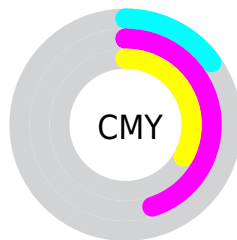
- Red (85%)
- Green (55%)
- Blue (67%)



- Red (85%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (36%)
- Yellow (21%)
- Black (15%)





- Cyan (15%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1572, 0.3631, 0.2905 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 36.1572, 0.3631, 0.2905 by changing the saturation by 10% instead.

 36.1572, 0.3631,
0.2905


 36.1572, 0.3631,
0.2905


329.6471, 0.3371,
0.3101

 24.5556, 0.3699,
0.2855

 69.2746, 0.3535,
0.2977

 15.7463, 0.3787,
0.2790


 91.5593, 0.3499,
0.3004

 9.3448, 0.3907,
0.2703


 118.1737, 0.3469,
0.3026

 4.9668, 0.4081,
0.2579

149.5024, 0.3444,
0.3046

 2.2278, 0.4352,
0.2390

185.9297, 0.3422,
0.3062

 0.7351, 0.4840,
0.2051

227.8400, 0.3403,

 0.0000, 1.0000,

0.3077

0.0000

275.6177, 0.3386,
0.3090

0.0000, 0.0000,
0.0000

36.1572, 0.3631,
0.2905

36.1572, 0.3631,
0.2905

30.0209, 0.3840,
0.2799

43.5912, 0.3455,
0.3016

25.1017, 0.4084,
0.2705

52.3871, 0.3309,
0.3126

21.3180, 0.4360,
0.2636


62.6110, 0.3188,
0.3231

18.5757, 0.4658,
0.2604


74.3232, 0.3089,
0.3329


16.7654, 0.4962,
0.2621

87.5804, 0.3008,
0.3421

 15.7520, 0.5251,
0.2691

 93.0341, 0.2938,
0.3363

 15.4698, 0.5363,
0.2728

 93.4893, 0.2900,
0.3289

Harmonies

Analogous

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



36.1572, 0.3101, 0.2614



36.1572, 0.3631, 0.2905



36.1572, 0.4037, 0.3289

Triad

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



36.1572, 0.3631, 0.2905



36.1572, 0.3594, 0.4236



36.1572, 0.2182, 0.2751

Complementary

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



36.1572, 0.3631, 0.2905



58.6116, 0.2804, 0.3716

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.



36.1572, 0.2289, 0.3185



36.1572, 0.3631, 0.2905



36.1572, 0.3084, 0.4122

Square

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



36.1572, 0.3631, 0.2905



36.1572, 0.3998, 0.4055



36.1572, 0.2609, 0.3711



36.1572, 0.2297, 0.2508

Rectangle

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



36.1572, 0.3631, 0.2905



36.1572, 0.4161, 0.3565



36.1572, 0.2609, 0.3711



36.1572, 0.2193, 0.2877

Sweetspot

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



36.1589, 0.3631, 0.2905



82.3703, 0.3247, 0.3177



33.7310, 0.2866, 0.2321



17.2044, 0.3264, 0.3163



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.



36.1589, 0.3631, 0.2905



45.3489, 0.3784, 0.2825



37.0221, 0.3960, 0.3372



13.1396, 0.3228, 0.3195



9.3860, 0.5326, 0.2708



0.6249, 0.4901, 0.2474

Inverse Universe

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



36.1589, 0.3631, 0.2905



45.3489, 0.3784, 0.2825



56.8333, 0.2613, 0.3205



13.1396, 0.3228, 0.3195



9.3860, 0.5326, 0.2708



0.6249, 0.4901, 0.2474

Previews

White Background



This preview shows how the Yxy color 36.1572, 0.3631, 0.2905 looks on a white background.

Color Contrast Check

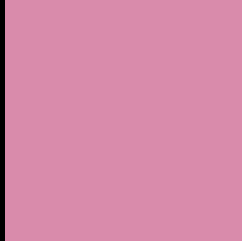
Large Text (above 18pt) WCAG AA × Fail

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 36.1572, 0.3631, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

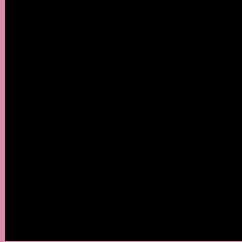
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1572, 0.3631, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 36.1572, 0.3631, 0.2905.



This preview shows how white text looks on a background with the Yxy color 36.1572, 0.3631, 0.2905.

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

36.1572, 0.3631, 0.2905

Protanopia

36.3634, 0.2906, 0.2952

Deuteranopia

36.5110, 0.3211, 0.3152



Tritanopia

36.0930, 0.3799, 0.3156

Trichromacy



Original Color

36.1572, 0.3631, 0.2905

Protanomaly

35.7811, 0.3144, 0.2926

Deuteranomaly

36.0742, 0.3360, 0.3052

Tritanomaly

36.1867, 0.3736, 0.3059

Monochromacy



Original Color

36.1572, 0.3631, 0.2905

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.9184, 0.3302, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1572, 0.3631, 0.2905 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(217, 139, 171)` looks like.

```
.text, #text, p{  
    color:rgb(217, 139, 171)  
}
```

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(217, 139, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 139, 171) }
```

Border

The CSS property to change the border of an element to Yxy 36.1572, 0.3631, 0.2905 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(217, 139, 171) }
```

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

```
.border{ border-color:rgb(217, 139, 171) }
```

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

Here you see how a box with a 4 pixel rgb(217, 139, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 139, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 139, 171);  
box-shadow:4px 4px 4px 4px rgb(217, 139,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1572, 0.3631, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 139, 171) }
```

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

```
.background{ background-color: rgb(217,  
139, 171) }
```

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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