

Converting Colors

$Yxy(36.6320, 0.3499, 0.2936)$

Have a look what the booklet for
Yxy(36.6320, 0.3499, 0.2936)
contains.

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Color

Yxy(36.6778, 0.3504, 0.2942)

Conversions

Conversions Part 1

Format	Color
Hex	D091AD
RGB	208, 145, 173
RGB Percent	82%, 57%, 68%
CMY	0.1842, 0.4314, 0.3216
CMYK	0.00, 0.30, 0.17, 0.18
HSL	333°, 40%, 69%
HSV	333°, 30%, 82%
XYZ	43.6842, 36.6778, 44.3076
YIQ	167.0290, 28.5600, 22.0640

Conversions

Conversions Part 2

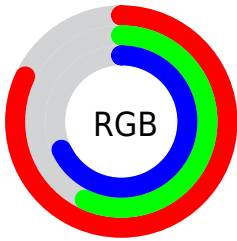
Format	Color
R_{YB}	208, 145, 173
Decimal	13668781
CIE _{Lab}	67.03, 27.95, -5.04
CIE _{LCh}	67, 28.406, 349.772
Yxy	36.6778, 0.3504, 0.2942
Android (android.graphics.Color)	4291858861 (0xFFD091AD)
YUV	167.0290, 2.9437, 35.9316
Hunter-Lab	60.5622, 22.7703, -0.9833

Details

The Yxy color **36.6778, 0.3504, 0.2942** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.4379, 0.2863, 0.3669**, and the grayscale version is **38.6344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7083, 0.3350, 0.2998**, and **16.1582, 0.3621, 0.2841** is the 20% darker color. If you saturate the color by 10%, you get **30.4654, 0.3682, 0.2824**, and if you desaturate by 10%, it is **44.0962, 0.3355, 0.3061**.

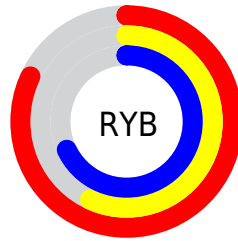
Distribution



Red (82%)

Green (57%)

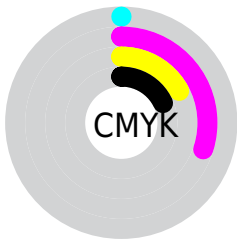
Blue (68%)



Red (82%)

Yellow (57%)

Blue (68%)

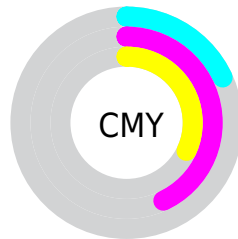


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (18%)



Cyan (18%)

Magenta (43%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6778, 0.3504, 0.2942 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 36.6778, 0.3504, 0.2942 by changing the saturation by 10% instead.


 36.6778, 0.3504,
0.2942


 36.6778, 0.3504,
0.2942


331.9135, 0.3310,
0.3119

 24.9581, 0.3554,
0.2897


 70.0770, 0.3432,
0.3007

 16.0459, 0.3620,
0.2839


 92.5252, 0.3406,
0.3031

 9.5566, 0.3709,
0.2760


119.3185, 0.3383,
0.3051

 5.1060, 0.3837,
0.2649

150.8411, 0.3365,
0.3069

 2.3096, 0.4036,
0.2480

187.4776, 0.3348,
0.3084

 0.7788, 0.4393,
0.2184

229.6122, 0.3334,

 0.0000, 1.0000,

0.3097

0.0000

277.6293, 0.3321,
0.3109

0.0000, 0.0000,
0.0000

36.6778, 0.3504,
0.2942

36.6778, 0.3504,
0.2942

30.4654, 0.3682,
0.2824

44.0962, 0.3355,
0.3061

25.3894, 0.3890,
0.2713

52.7752, 0.3232,
0.3177

21.3808, 0.4130,
0.2621


62.7723, 0.3130,
0.3287

18.3608, 0.4395,
0.2558


74.1397, 0.3046,
0.3389

16.2399, 0.4675,
0.2538


86.9270, 0.2977,
0.3484

 14.9116, 0.4955,
0.2570

 91.3657, 0.2916,
0.3421

 14.1927, 0.5214,
0.2646

 92.0840, 0.2855,
0.3300

 92.1530, 0.2849,
0.3289

Harmonies

Analogous

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



36.6778, 0.3067, 0.2705



36.6778, 0.3504, 0.2942



36.6778, 0.3851, 0.3264

Triad

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



36.6778, 0.3504, 0.2942



36.6778, 0.3558, 0.4062



36.6778, 0.2336, 0.2878

Complementary

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



36.6778, 0.3504, 0.2942



54.4379, 0.2863, 0.3669

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.



36.6778, 0.2448, 0.3251



36.6778, 0.3504, 0.2942



36.6778, 0.3140, 0.3985

Square

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



36.6778, 0.3504, 0.2942



36.6778, 0.3874, 0.3908



36.6778, 0.2735, 0.3673



36.6778, 0.2416, 0.2652

Rectangle

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



36.6778, 0.3504, 0.2942



36.6778, 0.3970, 0.3497



36.6778, 0.2735, 0.3673



36.6778, 0.2352, 0.2989

Sweetspot

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



36.6795, 0.3504, 0.2942



85.4269, 0.3219, 0.3191



34.4674, 0.2897, 0.2481



17.8159, 0.3235, 0.3174



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.



36.6795, 0.3504, 0.2942



51.8840, 0.3609, 0.2869



36.6834, 0.3792, 0.3332



11.8943, 0.3222, 0.3187



8.8625, 0.5179, 0.2627



0.5114, 0.4727, 0.2378

Inverse Universe

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



36.6795, 0.3504, 0.2942



51.8840, 0.3609, 0.2869



54.1750, 0.2689, 0.3248



11.8943, 0.3222, 0.3187



8.8625, 0.5179, 0.2627



0.5114, 0.4727, 0.2378

Previews

White Background



This preview shows how the Yxy color 36.6778, 0.3504, 0.2942 looks on a white background.

Color Contrast Check

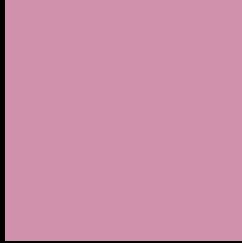
Large Text (above 18pt) WCAG AA × Fail

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 36.6778, 0.3504, 0.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

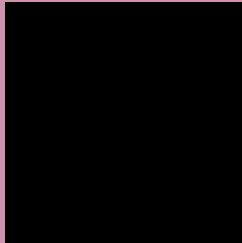
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6778, 0.3504, 0.2942

Background



This preview shows how black text looks on a background with the Yxy color 36.6778, 0.3504, 0.2942.



This preview shows how white text looks on a background with the Yxy color 36.6778, 0.3504, 0.2942.

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

36.6778, 0.3504, 0.2942

Protanopia

36.7749, 0.2923, 0.2980

Deuteranopia

36.9667, 0.3183, 0.3125



Tritanopia

36.4925, 0.3625, 0.3139

Trichromacy



Original Color

36.6778, 0.3504, 0.2942

Protanomaly

36.4193, 0.3114, 0.2964

Deuteranomaly

36.7811, 0.3296, 0.3051

Tritanomaly

36.5035, 0.3585, 0.3064

Monochromacy



Original Color

36.6778, 0.3504, 0.2942

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6059, 0.3259, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6778, 0.3504, 0.2942 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(208, 145, 173)` looks like.

```
.text, #text, p{  
    color:rgb(208, 145, 173)  
}
```

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(208, 145, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 145, 173) }
```

Border

The CSS property to change the border of an element to Yxy 36.6778, 0.3504, 0.2942 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(208, 145, 173) }
```

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

```
.border{ border-color:rgb(208, 145, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 145, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 145, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 145, 173);  
box-shadow:4px 4px 4px 4px rgb(208, 145,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6778, 0.3504, 0.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 145, 173) }
```

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

```
.background{ background-color: rgb(208,  
145, 173) }
```

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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