

Converting Colors

$Yxy(34.7159, 0.3631, 0.2921)$

Have a look what the booklet for
Yxy(34.7159, 0.3631, 0.2921)
contains.

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Color

Yxy(34.6784, 0.3628, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	D489A7
RGB	212, 137, 167
RGB Percent	83%, 54%, 65%
CMY	0.1686, 0.4627, 0.3452
CMYK	0.00, 0.35, 0.21, 0.17
HSL	336°, 47%, 68%
HSV	336°, 35%, 83%
XYZ	43.0720, 34.6784, 40.9706
YIQ	162.8450, 35.0700, 25.2300

Conversions

Conversions Part 2

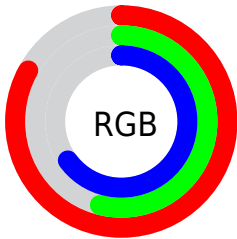
Format	Color
R _Y B	212, 137, 167
Decimal	13928871
CIE Lab	65.50, 32.77, -3.88
CIE LCh	65, 32.997, 353.254
Yxy	34.6784, 0.3628, 0.2921
Android (android.graphics.Color)	4292118951 (0xFFD489A7)
YUV	162.8450, 2.0484, 43.1089
Hunter-Lab	58.8884, 27.5033, -0.0282

Details

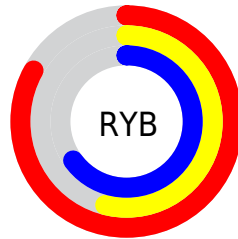
The Yxy color **34.6784, 0.3628, 0.2921** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.7889, 0.2804, 0.3697**, and the grayscale version is **36.5273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7955, 0.3407, 0.2975**, and **14.9613, 0.3789, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **28.7852, 0.3839, 0.2817**, and if you desaturate by 10%, it is **41.8054, 0.3451, 0.3029**.

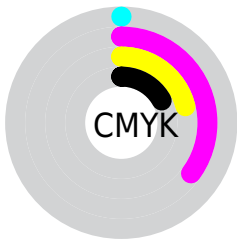
Distribution



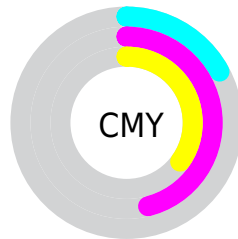
- Red (83%)
- Green (54%)
- Blue (65%)



- Red (83%)
- Yellow (54%)
- Blue (65%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (17%)




- Cyan (17%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6784, 0.3628, 0.2921 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 34.6784, 0.3628, 0.2921 by changing the saturation by 10% instead.

 34.6784, 0.3628,
0.2921


 34.6784, 0.3628,
0.2921


323.1465, 0.3367,
0.3111


 23.4152, 0.3696,
0.2872


 66.9873, 0.3531,
0.2991

 14.9004, 0.3786,
0.2808


 88.8018, 0.3495,
0.3017

 8.7495, 0.3910,
0.2722


 114.9022, 0.3465,
0.3039

 4.5782, 0.4089,
0.2597

145.6729, 0.3440,
0.3057

 2.0020, 0.4374,
0.2405

181.4982, 0.3418,
0.3074

 0.6086, 0.4931,
0.2000

222.7627, 0.3399,

 0.0000, 1.0000,

0.3087

0.0000

269.8507, 0.3382,
0.3100

■ 0.0000, 0.0000,
0.0000

■ 34.6784, 0.3628,
0.2921

■ 34.6784, 0.3628,
0.2921

■ 28.7852, 0.3839,
0.2817

■ 41.8054, 0.3451,
0.3029

■ 24.0499, 0.4086,
0.2725

■ 50.2266, 0.3304,
0.3136

■ 20.3958, 0.4365,
0.2657

■ 60.0043, 0.3183,
0.3238

■ 17.7346, 0.4668,
0.2624

■ 71.1952, 0.3084,
0.3333

■ 15.9642, 0.4978,
0.2639

■ 83.8528, 0.3002,
0.3422

■ 14.9595, 0.5273,
0.2708

■ 92.0106, 0.2933,
0.3410

■ 14.6497, 0.5402,
0.2750

■ 92.7383, 0.2872,
0.3289

Harmonies

Analogous

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



34.6784, 0.3112, 0.2634



34.6784, 0.3628, 0.2921



34.6784, 0.4019, 0.3299

Triad

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



34.6784, 0.3628, 0.2921



34.6784, 0.3575, 0.4213



34.6784, 0.2204, 0.2758

Complementary

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



34.6784, 0.3628, 0.2921



55.7889, 0.2804, 0.3697

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.



34.6784, 0.2305, 0.3179



34.6784, 0.3628, 0.2921



34.6784, 0.3077, 0.4093

Square

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



34.6784, 0.3628, 0.2921



34.6784, 0.3972, 0.4043



34.6784, 0.2615, 0.3690



34.6784, 0.2321, 0.2524

Rectangle

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



34.6784, 0.3628, 0.2921



34.6784, 0.4136, 0.3568



34.6784, 0.2615, 0.3690



34.6784, 0.2213, 0.2880

Sweetspot

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



34.6800, 0.3628, 0.2921



82.3532, 0.3249, 0.3180



32.5924, 0.2883, 0.2342



17.2003, 0.3266, 0.3166



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.



34.6800, 0.3628, 0.2921



46.1567, 0.3774, 0.2847



35.9044, 0.3935, 0.3386



12.5022, 0.3229, 0.3197



9.0618, 0.5366, 0.2730



0.5627, 0.4909, 0.2478

Inverse Universe

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



34.6800, 0.3628, 0.2921



46.1567, 0.3774, 0.2847



53.5003, 0.2618, 0.3190



12.5022, 0.3229, 0.3197



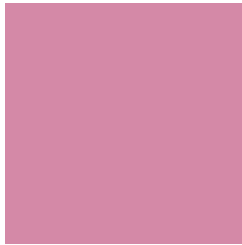
9.0618, 0.5366, 0.2730



0.5627, 0.4909, 0.2478

Previews

White Background



This preview shows how the Yxy color 34.6784, 0.3628, 0.2921 looks on a white background.

Color Contrast Check

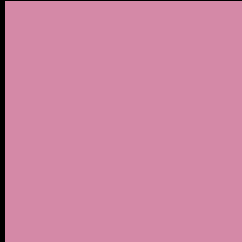
Large Text (above 18pt) WCAG AA × Fail

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 34.6784, 0.3628, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

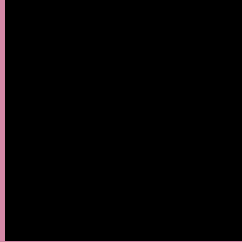
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6784, 0.3628, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 34.6784, 0.3628, 0.2921.



This preview shows how white text looks on a background with the Yxy color 34.6784, 0.3628, 0.2921.

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

34.6784, 0.3628, 0.2921

Protanopia

34.8169, 0.2919, 0.2973

Deuteranopia

35.0073, 0.3222, 0.3163



Tritanopia

34.6598, 0.3787, 0.3166

Trichromacy



Original Color

34.6784, 0.3628, 0.2921

Protanomaly

34.1379, 0.3153, 0.2945

Deuteranomaly

34.4612, 0.3364, 0.3061

Tritanomaly

34.7144, 0.3734, 0.3079

Monochromacy



Original Color

34.6784, 0.3628, 0.2921

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.6153, 0.3303, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6784, 0.3628, 0.2921 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(212, 137, 167)` looks like.

```
.text, #text, p{  
    color:rgb(212, 137, 167)  
}
```

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(212, 137, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 137, 167) }
```

Border

The CSS property to change the border of an element to Yxy 34.6784, 0.3628, 0.2921 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(212, 137, 167) }
```

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

```
.border{ border-color:rgb(212, 137, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 137, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 137, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 137, 167);  
box-shadow:4px 4px 4px 4px rgb(212, 137,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6784, 0.3628, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 137, 167) }
```

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

```
.background{ background-color: rgb(212,  
137, 167) }
```

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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