

Converting Colors

$Yxy(34.1786, 0.3489, 0.2836)$

Have a look what the booklet for
Yxy(34.1786, 0.3489, 0.2836)
contains.

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Color

Yxy(34.0691, 0.3488, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	CE89AE
RGB	206, 137, 174
RGB Percent	81%, 54%, 68%
CMY	0.1922, 0.4627, 0.3176
CMYK	0.00, 0.33, 0.16, 0.19
HSL	328°, 41%, 67%
HSV	328°, 33%, 81%
XYZ	42.0350, 34.0691, 44.4091
YIQ	161.8490, 29.2470, 26.1350

Conversions

Conversions Part 2

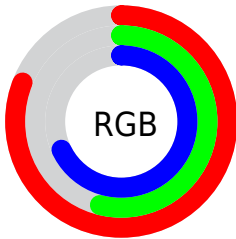
Format	Color
R _Y B	206, 137, 174
Decimal	13535662
CIE Lab	65.02, 31.73, -8.64
CIE LCh	65, 32.885, 344.776
Yxy	34.0691, 0.3488, 0.2827
Android (android.graphics.Color)	4291725742 (0xFFCE89AE)
YUV	161.8490, 5.9904, 38.7204
Hunter-Lab	58.3687, 26.4039, -4.2519

Details

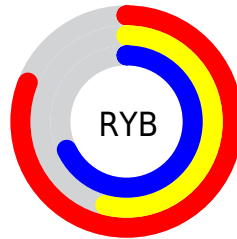
The Yxy color **34.0691, 0.3488, 0.2827** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.3153, 0.2878, 0.3807**, and the grayscale version is **36.0192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1787, 0.3352, 0.2907**, and **14.5447, 0.3585, 0.2686** is the 20% darker color. If you saturate the color by 10%, you get **28.4029, 0.3641, 0.2688**, and if you desaturate by 10%, it is **40.8827, 0.3357, 0.2970**.

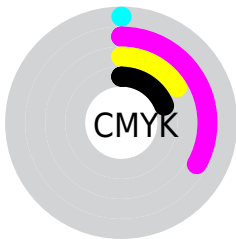
Distribution



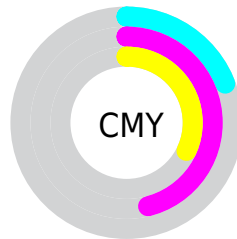
- Red (81%)
- Green (54%)
- Blue (68%)



- Red (81%)
- Yellow (54%)
- Blue (68%)



- Cyan (0%)
- Magenta (33%)
- Yellow (16%)
- Black (19%)





- Cyan (19%)
- Magenta (46%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0691, 0.3488, 0.2827 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 34.0691, 0.3488, 0.2827 by changing the saturation by 10% instead.


 34.0691, 0.3488,
0.2827


 34.0691, 0.3488,
0.2827


320.4401, 0.3303,
0.3062

 22.9467, 0.3536,
0.2767


 66.0411, 0.3419,
0.2913

 14.5541, 0.3599,
0.2690


 87.6595, 0.3394,
0.2945

 8.5071, 0.3684,
0.2587


 113.5453, 0.3373,
0.2972

 4.4211, 0.3806,
0.2440

144.0830, 0.3354,
0.2995

 1.9118, 0.3995,
0.2219

179.6569, 0.3339,
0.3015

 0.5555, 0.4381,
0.1748

220.6515, 0.3325,

 0.0000, 0.9877,

0.3033

0.0000

267.4511, 0.3313,
0.3048

0.0000, 0.0000,
0.0000

34.0691, 0.3488,
0.2827

34.0691, 0.3488,
0.2827

28.4029, 0.3641,
0.2688

40.8827, 0.3357,
0.2970

23.8151, 0.3818,
0.2560

48.8984, 0.3247,
0.3110

20.2365, 0.4017,
0.2454

58.1728, 0.3155,
0.3245


17.5878, 0.4232,
0.2384


68.7577, 0.3079,
0.3372

15.7774, 0.4456,
0.2359


80.7018, 0.3016,
0.3489


 14.6952, 0.4678,
0.2388

 90.4250, 0.2963,
0.3541

 14.2551, 0.4819,
0.2429

 90.9803, 0.2912,
0.3438

 91.5655, 0.2862,
0.3337

 91.8585, 0.2838,
0.3289

Harmonies

Analogous

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



34.0691, 0.2968, 0.2575



34.0691, 0.3488, 0.2827



34.0691, 0.3933, 0.3186

Triad

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



34.0691, 0.3488, 0.2827



34.0691, 0.3704, 0.4192



34.0691, 0.2208, 0.2859

Complementary

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



34.0691, 0.3488, 0.2827



52.3153, 0.2878, 0.3807

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.



34.0691, 0.2371, 0.3321



34.0691, 0.3488, 0.2827



34.0691, 0.3220, 0.4162

Square

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



34.0691, 0.3488, 0.2827



34.0691, 0.4050, 0.3960



34.0691, 0.2733, 0.3827



34.0691, 0.2264, 0.2568

Rectangle

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



34.0691, 0.3488, 0.2827



34.0691, 0.4105, 0.3454



34.0691, 0.2733, 0.3827



34.0691, 0.2238, 0.2998

Sweetspot

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



34.0707, 0.3488, 0.2827



84.0576, 0.3214, 0.3156



30.6810, 0.2803, 0.2373



17.5490, 0.3228, 0.3137



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.



34.0707, 0.3488, 0.2827



48.5826, 0.3593, 0.2728



32.9215, 0.3864, 0.3248



11.3126, 0.3208, 0.3166



8.7998, 0.4789, 0.2412



0.4692, 0.4398, 0.2197

Inverse Universe

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



34.0707, 0.3488, 0.2827



48.5826, 0.3593, 0.2728



53.7407, 0.2675, 0.3335



11.3126, 0.3208, 0.3166



8.7998, 0.4789, 0.2412



0.4692, 0.4398, 0.2197

Previews

White Background



This preview shows how the Yxy color 34.0691, 0.3488, 0.2827 looks on a white background.

Color Contrast Check

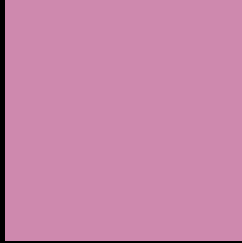
Large Text (above 18pt) WCAG AA × Fail

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 34.0691, 0.3488, 0.2827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

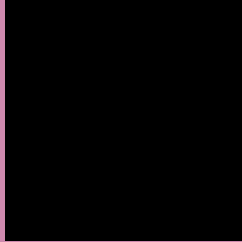
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0691, 0.3488, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 34.0691, 0.3488, 0.2827.



This preview shows how white text looks on a background with the Yxy color 34.0691, 0.3488, 0.2827.

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

34.0691, 0.3488, 0.2827

Protanopia

34.3772, 0.2826, 0.2860

Deuteranopia

34.3763, 0.3109, 0.3049



Tritanopia

34.0133, 0.3687, 0.3149

Trichromacy



Original Color

34.0691, 0.3488, 0.2827

Protanomaly

33.9607, 0.3050, 0.2849

Deuteranomaly

34.1035, 0.3244, 0.2964

Tritanomaly

34.1316, 0.3612, 0.3035

Monochromacy



Original Color

34.0691, 0.3488, 0.2827

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.0006, 0.3255, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0691, 0.3488, 0.2827 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(206, 137, 174)` looks like.

```
.text, #text, p{  
    color:rgb(206, 137, 174)  
}
```

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(206, 137, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 137, 174) }
```

Border

The CSS property to change the border of an element to Yxy 34.0691, 0.3488, 0.2827 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(206, 137, 174) }
```

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

```
.border{ border-color:rgb(206, 137, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 137, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 137, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 137, 174);  
box-shadow:4px 4px 4px 4px rgb(206, 137,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0691, 0.3488, 0.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 137, 174) }
```

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

```
.background{ background-color: rgb(206,  
137, 174) }
```

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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