

Converting Colors

$Yxy(34.1253, 0.3555, 0.2998)$

Have a look what the booklet for
Yxy(34.1253, 0.3555, 0.2998)
contains.

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Color

Yxy(34.2507, 0.3556, 0.3008)

Conversions

Conversions Part 1

Format	Color
Hex	CA8DA3
RGB	202, 141, 163
RGB Percent	79%, 55%, 64%
CMY	0.2079, 0.4470, 0.3608
CMYK	0.00, 0.30, 0.19, 0.21
HSL	338°, 37%, 67%
HSV	338°, 30%, 79%
XYZ	40.4905, 34.2507, 39.1241
YIQ	161.7470, 29.2940, 19.7740

Conversions

Conversions Part 2

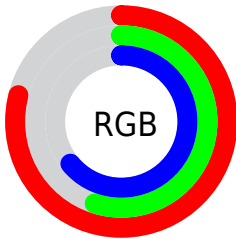
Format	Color
R_{YB}	202, 141, 163
Decimal	13274531
CIE Lab	65.16, 26.39, -2.25
CIE LCh	65, 26.484, 355.119
Yxy	34.2507, 0.3556, 0.3008
Android (android.graphics.Color)	4291464611 (0xFFCA8DA3)
YUV	161.7470, 0.6177, 35.3019
Hunter-Lab	58.5241, 21.0800, 1.3307

Details

The Yxy color **34.2507, 0.3556, 0.3008** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1962, 0.2832, 0.3593**, and the grayscale version is **35.9943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3522, 0.3433, 0.3056**, and **14.6631, 0.3703, 0.2926** is the 20% darker color. If you saturate the color by 10%, you get **28.3887, 0.3762, 0.2912**, and if you desaturate by 10%, it is **41.2494, 0.3385, 0.3105**.

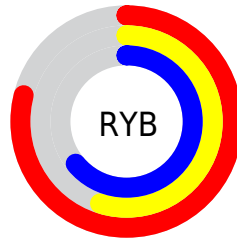
Distribution



Red (79%)

Green (55%)

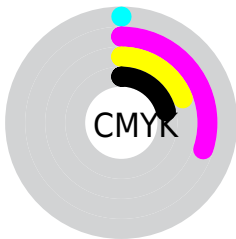
Blue (64%)



Red (79%)

Yellow (55%)

Blue (64%)

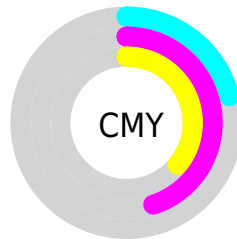


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (21%)



Cyan (21%)


Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2507, 0.3556, 0.3008 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 34.2507, 0.3556, 0.3008 by changing the saturation by 10% instead.

 34.2507, 0.3556,
0.3008


 34.2507, 0.3556,
0.3008


321.2485, 0.3332,
0.3154


 23.0863, 0.3615,
0.2970

 66.3233, 0.3472,
0.3063

 14.6572, 0.3694,
0.2919


 88.0003, 0.3441,
0.3083

 8.5792, 0.3802,
0.2850


 113.9503, 0.3415,
0.3099

 4.4677, 0.3962,
0.2750

144.5576, 0.3394,
0.3114

 1.9385, 0.4218,
0.2591

180.2067, 0.3375,
0.3126

 0.5714, 0.4779,
0.2208

221.2819, 0.3358,

 0.0000, 1.0000,

0.3137


0.0000

268.1677, 0.3344,
0.3146


 0.0000, 0.0000,
0.0000


 34.2507, 0.3556,
0.3008


 34.2507, 0.3556,
0.3008

 28.3887, 0.3762,
0.2912


 41.2494, 0.3385,
0.3105

 23.5983, 0.4006,
0.2822


 49.4362, 0.3244,
0.3200


 19.8147, 0.4289,
0.2749

 58.8648, 0.3129,
0.3288

 16.9644, 0.4603,
0.2705


 69.5844, 0.3035,
0.3371


 14.9635, 0.4934,
0.2701

 81.6413, 0.2958,
0.3447

 13.7129, 0.5259,
0.2746

 90.3962, 0.2891,
0.3443

 13.0340, 0.5551,
0.2832

 91.1937, 0.2824,
0.3306

 91.2953, 0.2816,
0.3289

Harmonies

Analogous

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



34.2507, 0.3145, 0.2762



34.2507, 0.3556, 0.3008



34.2507, 0.3857, 0.3326

Triad

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



34.2507, 0.3556, 0.3008



34.2507, 0.3473, 0.4030



34.2507, 0.2370, 0.2848

Complementary

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



34.2507, 0.3556, 0.3008



51.1962, 0.2832, 0.3593

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.



34.2507, 0.2445, 0.3184



34.2507, 0.3556, 0.3008



34.2507, 0.3068, 0.3912

Square

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



34.2507, 0.3556, 0.3008



34.2507, 0.3799, 0.3921



34.2507, 0.2694, 0.3586



34.2507, 0.2479, 0.2659

Rectangle

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



34.2507, 0.3556, 0.3008



34.2507, 0.3943, 0.3549



34.2507, 0.2694, 0.3586



34.2507, 0.2375, 0.2946

Sweetspot

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



34.2523, 0.3556, 0.3008



85.3119, 0.3231, 0.3209



32.9758, 0.2947, 0.2497



17.7877, 0.3250, 0.3196



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.



34.2523, 0.3556, 0.3008



51.5244, 0.3682, 0.2947



36.0183, 0.3767, 0.3398



11.2794, 0.3234, 0.3207



8.4036, 0.5516, 0.2812



0.4480, 0.4974, 0.2514

Inverse Universe

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



34.2523, 0.3556, 0.3008



51.5244, 0.3682, 0.2947



48.4490, 0.2684, 0.3179



11.2794, 0.3234, 0.3207



8.4036, 0.5516, 0.2812



0.4480, 0.4974, 0.2514

Previews

White Background



This preview shows how the Yxy color 34.2507, 0.3556, 0.3008 looks on a white background.

Color Contrast Check

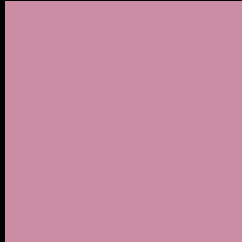
Large Text (above 18pt) WCAG AA × Fail

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 34.2507, 0.3556, 0.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

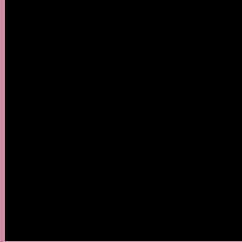
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2507, 0.3556, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 34.2507, 0.3556, 0.3008.



This preview shows how white text looks on a background with the Yxy color 34.2507, 0.3556, 0.3008.

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

34.2507, 0.3556, 0.3008

Protanopia

34.2992, 0.2986, 0.3057

Deuteranopia

34.5686, 0.3252, 0.3191



Tritanopia

34.3955, 0.3638, 0.3148

Trichromacy



Original Color

34.2507, 0.3556, 0.3008

Protanomaly

33.8820, 0.3179, 0.3037

Deuteranomaly

34.2939, 0.3361, 0.3113

Tritanomaly

34.1978, 0.3608, 0.3096

Monochromacy



Original Color

34.2507, 0.3556, 0.3008

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.0669, 0.3282, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2507, 0.3556, 0.3008 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(202, 141, 163)` looks like.

```
.text, #text, p{  
    color:rgb(202, 141, 163)  
}
```

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(202, 141, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 141, 163) }
```

Border

The CSS property to change the border of an element to Yxy 34.2507, 0.3556, 0.3008 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(202, 141, 163) }
```

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

```
.border{ border-color:rgb(202, 141, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 141, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 141, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 141, 163); box-shadow:4px 4px 4px 4px rgb(202, 141, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2507, 0.3556, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 141, 163) }
```

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

```
.background{ background-color: rgb(202,  
141, 163) }
```

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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