

Converting Colors

$Yxy(34.4984, 0.3580, 0.3210)$

Have a look what the booklet for
Yxy(34.4984, 0.3580, 0.3210)
contains.

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Color

Yxy(34.4269, 0.3587, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	C39298
RGB	195, 146, 152
RGB Percent	76%, 57%, 60%
CMY	0.2352, 0.4275, 0.4039
CMYK	0.00, 0.25, 0.22, 0.24
HSL	353°, 29%, 67%
HSV	353°, 25%, 76%
XYZ	38.4582, 34.4269, 34.3304
YIQ	161.3350, 27.2780, 12.2540

Conversions

Conversions Part 2

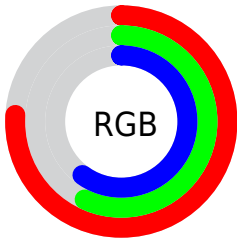
Format	Color
RYB	195, 146, 152
Decimal	12817048
CIELab	65.30, 19.39, 4.05
CIElCh	65, 19.804, 11.794
Yxy	34.4269, 0.3587, 0.3211
Android (android.graphics.Color)	4291007128 (0xFFC39298)
YUV	161.3350, -4.6022, 29.5242
Hunter-Lab	58.6744, 14.3177, 6.3815

Details

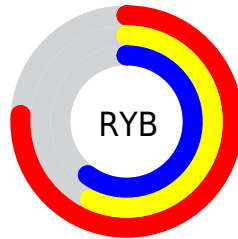
The Yxy color **34.4269, 0.3587, 0.3211** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8269, 0.2801, 0.3372**, and the grayscale version is **35.8187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4602, 0.3495, 0.3229**, and **14.6995, 0.3736, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **28.3995, 0.3850, 0.3178**, and if you desaturate by 10%, it is **41.5639, 0.3374, 0.3244**.

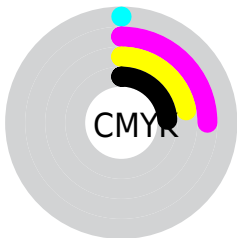
Distribution



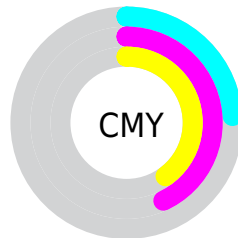
- Red (76%)
- Green (57%)
- Blue (60%)



- Red (76%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (24%)




- Cyan (24%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4269, 0.3587, 0.3211 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 34.4269, 0.3587, 0.3211 by changing the saturation by 10% instead.


 34.4269, 0.3587,
0.3211


 34.4269, 0.3587,
0.3211


322.0314, 0.3344,
0.3255

 23.2217, 0.3652,
0.3198


 66.5970, 0.3495,
0.3228

 14.7573, 0.3739,
0.3181


 88.3307, 0.3462,
0.3234

 8.6493, 0.3859,
0.3155


114.3427, 0.3434,
0.3239

 4.5131, 0.4038,
0.3116

145.0175, 0.3411,
0.3244

 1.9645, 0.4330,
0.3045

180.7393, 0.3391,
0.3247

 0.5867, 0.5259,
0.2951


221.8927, 0.3373,


 0.0000, 0.0000,


0.3250


0.0000


268.8619, 0.3358,
0.3253

 34.4269, 0.3587,
0.3211

 34.4269, 0.3587,
0.3211


 28.3995, 0.3850,
0.3178


 41.5639, 0.3374,
0.3244


 23.4216, 0.4170,
0.3148


 49.8574, 0.3202,
0.3275


 19.4343, 0.4547,
0.3123

 59.3573, 0.3064,
0.3304

 16.3713, 0.4972,
0.3111

 70.1093, 0.2952,
0.3330

 14.1580, 0.5414,
0.3118

 82.1564, 0.2861,
0.3354

■ 12.7082, 0.5823,
0.3147

■ 90.3236, 0.2780,
0.3293

■ 11.9171, 0.6138,
0.3197

■ 90.3457, 0.2778,
0.3289

■ 11.6715, 0.6253,
0.3218

Harmonies

Analogous

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



34.4269, 0.3318, 0.2984



34.4269, 0.3587, 0.3211



34.4269, 0.3729, 0.3466

Triad

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



34.4269, 0.3587, 0.3211



34.4269, 0.3225, 0.3807



34.4269, 0.2582, 0.2866

Complementary

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



34.4269, 0.3587, 0.3211



48.8269, 0.2801, 0.3372

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.



34.4269, 0.2561, 0.3066



34.4269, 0.3587, 0.3211



34.4269, 0.2922, 0.3628

Square

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



34.4269, 0.3587, 0.3211



34.4269, 0.3511, 0.3825



34.4269, 0.2682, 0.3348



34.4269, 0.2741, 0.2786

Rectangle

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



34.4269, 0.3587, 0.3211



34.4269, 0.3728, 0.3624



34.4269, 0.2682, 0.3348



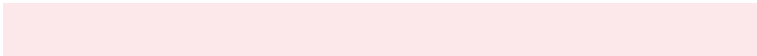
34.4269, 0.2559, 0.2920

Sweetspot

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



34.4285, 0.3587, 0.3211



84.6188, 0.3249, 0.3266



35.2502, 0.3093, 0.2660



18.0234, 0.3275, 0.3261



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.



34.4285, 0.3587, 0.3211



55.6574, 0.3720, 0.3193



40.2215, 0.3594, 0.3529



10.0976, 0.3270, 0.3262



7.5903, 0.6230, 0.3206



0.3347, 0.5759, 0.2946

Inverse Universe

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



34.4285, 0.3587, 0.3211



55.6574, 0.3720, 0.3193



41.5147, 0.2740, 0.3038



10.0976, 0.3270, 0.3262



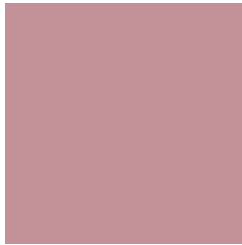
7.5903, 0.6230, 0.3206



0.3347, 0.5759, 0.2946

Previews

White Background



This preview shows how the Yxy color 34.4269, 0.3587, 0.3211 looks on a white background.

Color Contrast Check

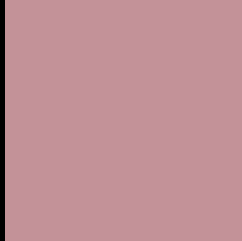
Large Text (above 18pt) WCAG AA × Fail

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 34.4269, 0.3587, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

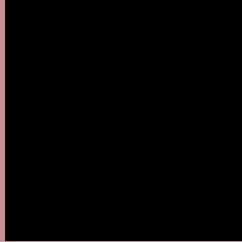
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4269, 0.3587, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 34.4269, 0.3587, 0.3211.



This preview shows how white text looks on a background with the Yxy color 34.4269, 0.3587, 0.3211.

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

34.4269, 0.3587, 0.3211

Protanopia

34.6383, 0.3157, 0.3275

Deuteranopia

34.3639, 0.3391, 0.3319



Tritanopia

34.3869, 0.3558, 0.3146

Trichromacy



Original Color

34.4269, 0.3587, 0.3211

Protanomaly

34.5102, 0.3310, 0.3262

Deuteranomaly

34.2374, 0.3471, 0.3277

Tritanomaly

34.3531, 0.3568, 0.3159

Monochromacy



Original Color

34.4269, 0.3587, 0.3211

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.1298, 0.3277, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4269, 0.3587, 0.3211 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(195, 146, 152)` looks like.

```
.text, #text, p{  
    color:rgb(195, 146, 152)  
}
```

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(195, 146, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 146, 152) }
```

Border

The CSS property to change the border of an element to Yxy 34.4269, 0.3587, 0.3211 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(195, 146, 152) }
```

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

```
.border{ border-color:rgb(195, 146, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 146, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 146, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 146, 152);  
box-shadow:4px 4px 4px 4px rgb(195, 146,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4269, 0.3587, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 146, 152) }
```

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

```
.background{ background-color: rgb(195,  
146, 152) }
```

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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