

Converting Colors

$Yxy(34.0472, 0.3943, 0.3291)$

Have a look what the booklet for
Yxy(34.0472, 0.3943, 0.3291)
contains.

Yxy(34.0090, 0.3953, 0.3292)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.0090, 0.3953, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	D48A8A
RGB	212, 138, 138
RGB Percent	83%, 54%, 54%
CMY	0.1685, 0.4589, 0.4588
CMYK	0.00, 0.35, 0.35, 0.17
HSL	360°, 46%, 69%
HSV	360°, 35%, 83%
XYZ	40.8377, 34.0090, 28.4614
YIQ	160.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

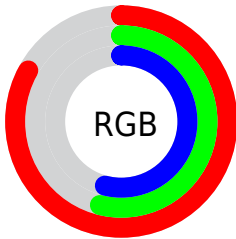
Format	Color
R _Y B	212, 138, 138
Decimal	13929098
CIE Lab	64.97, 28.28, 11.73
CIE LCh	65, 30.619, 22.516
Yxy	34.0090, 0.3953, 0.3292
Android (android.graphics.Color)	4292119178 (0xFFD48A8A)
YUV	160.1260, -10.9081, 45.4935
Hunter-Lab	58.3172, 22.9426, 11.8860

Details

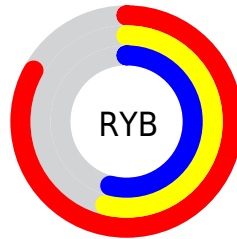
The Yxy color **34.0090, 0.3953, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.2653, 0.2637, 0.3289**, and the grayscale version is **35.2522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.7209, 0.3659, 0.3302**, and **14.4895, 0.4226, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **27.9544, 0.4323, 0.3293**, and if you desaturate by 10%, it is **41.3744, 0.3649, 0.3291**.

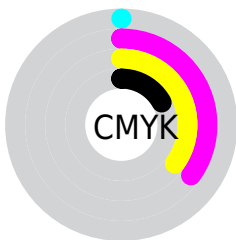
Distribution



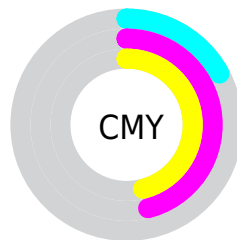
- Red (83%)
- Green (54%)
- Blue (54%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0090, 0.3953, 0.3292 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 34.0090, 0.3953, 0.3292 by changing the saturation by 10% instead.


 34.0090, 0.3953,
0.3292


 34.0090, 0.3953,
0.3292


320.1722, 0.3514,
0.3302


 22.9005, 0.4071,
0.3285


 65.9477, 0.3787,
0.3299

 14.5201, 0.4227,
0.3273


 87.5466, 0.3727,
0.3300

 8.4833, 0.4444,
0.3252


 113.4112, 0.3677,
0.3301

 4.4057, 0.4763,
0.3209

143.9258, 0.3634,
0.3302

 1.9030, 0.5271,
0.3116

179.4748, 0.3598,
0.3302

 0.5502, 0.6979,
0.3021

220.4426, 0.3566,


 0.0000, 1.0000,


0.3302

0.0000

267.2136, 0.3539,
0.3302


 0.0000, 0.0000,
0.0000


 34.0090, 0.3953,
0.3292

 34.0090, 0.3953,
0.3292


 27.9544, 0.4323,
0.3293


 41.3744, 0.3649,
0.3291


 23.1292, 0.4757,
0.3294


 50.1158, 0.3404,
0.3291


 19.4507, 0.5234,
0.3296

 60.3001, 0.3209,
0.3290

 16.8240, 0.5701,
0.3297

 71.9885, 0.3052,
0.3290

 15.1390, 0.6088,
0.3298

 85.2384, 0.2927,
0.3290

■ 14.2613, 0.6325,
0.3299

■ 92.7438, 0.2872,
0.3289

■ 14.0040, 0.6400,
0.3299

Harmonies

Analogous

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



34.0090, 0.3584, 0.2936



34.0090, 0.3953, 0.3292



34.0090, 0.4078, 0.3670

Triad

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



34.0090, 0.3953, 0.3292



34.0090, 0.3094, 0.4042



34.0090, 0.2365, 0.2575

Complementary

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



34.0090, 0.3953, 0.3292



57.2653, 0.2637, 0.3289

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.



34.0090, 0.2259, 0.2803



34.0090, 0.3953, 0.3292



34.0090, 0.2658, 0.3674

Square

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



34.0090, 0.3953, 0.3292



34.0090, 0.3560, 0.4150



34.0090, 0.2361, 0.3201



34.0090, 0.2662, 0.2536

Rectangle

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



34.0090, 0.3953, 0.3292



34.0090, 0.4005, 0.3897



34.0090, 0.2361, 0.3201



34.0090, 0.2307, 0.2630

Sweetspot

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



34.0106, 0.3953, 0.3292



83.2615, 0.3304, 0.3290



36.7482, 0.3156, 0.2427



17.3575, 0.3333, 0.3290



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.



34.0106, 0.3953, 0.3292



44.5449, 0.4225, 0.3293



46.0249, 0.3799, 0.3732



12.4209, 0.3291, 0.3290



8.6413, 0.6400, 0.3299



0.5212, 0.6399, 0.3299

Inverse Universe

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



34.0106, 0.3953, 0.3292



44.5449, 0.4225, 0.3293



41.3052, 0.2572, 0.2800



12.4209, 0.3291, 0.3290



8.6413, 0.6400, 0.3299



0.5212, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 34.0090, 0.3953, 0.3292 looks on a white background.

Color Contrast Check

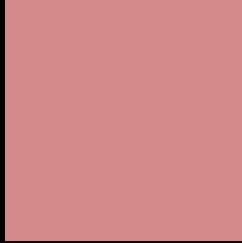
Large Text (above 18pt) WCAG AA × Fail

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 34.0090, 0.3953, 0.3292 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 34.0090, 0.3953, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 34.0090, 0.3953, 0.3292.



This preview shows how white text looks on a background with the Yxy color 34.0090, 0.3953, 0.3292.

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

34.0090, 0.3953, 0.3292

Protanopia

34.0386, 0.3270, 0.3424

Deuteranopia

34.0295, 0.3597, 0.3532



Tritanopia

34.1440, 0.3864, 0.3167

Trichromacy



Original Color

34.0090, 0.3953, 0.3292

Protanomaly

33.6501, 0.3511, 0.3376

Deuteranomaly

33.8515, 0.3722, 0.3441

Tritanomaly

34.0511, 0.3899, 0.3205

Monochromacy



Original Color

34.0090, 0.3953, 0.3292

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.3072, 0.3404, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0090, 0.3953, 0.3292 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, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(212, 138, 138)  
}
```

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, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 138, 138) }
```

Border

The CSS property to change the border of an element to Yxy 34.0090, 0.3953, 0.3292 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, 138, 138) }
```

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

```
.border{ border-color:rgb(212, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(212, 138,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0090, 0.3953, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 138, 138) }
```

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

```
.background{ background-color: rgb(212,  
138, 138) }
```

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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