

Converting Colors

$Yxy(34.1250, 0.3944, 0.3549)$

Have a look what the booklet for
Yxy(34.1250, 0.3944, 0.3549)
contains.

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Color

Yxy(34.1490, 0.3947, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	C9917D
RGB	201, 145, 125
RGB Percent	79%, 57%, 49%
CMY	0.2118, 0.4314, 0.5098
CMYK	0.00, 0.28, 0.38, 0.21
HSL	16°, 41%, 64%
HSV	16°, 38%, 79%
XYZ	37.9145, 34.1490, 23.9956
YIQ	159.4640, 39.7960, 5.6520

Conversions

Conversions Part 2

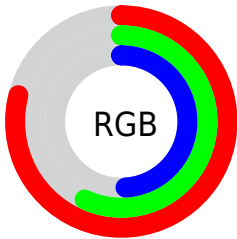
Format	Color
RYB	201, 152, 125
Decimal	13209981
CIELab	65.08, 18.58, 18.99
CIElCh	65, 26.567, 45.623
Yxy	34.1490, 0.3947, 0.3555
Android (android.graphics.Color)	4291400061 (0xFFC9917D)
YUV	159.4640, -16.9908, 36.4271
Hunter-Lab	58.4371, 13.5473, 16.5602

Details

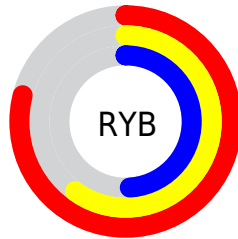
The Yxy color **34.1490, 0.3947, 0.3555** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6237, 0.2564, 0.3004**, and the grayscale version is **34.9613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3212, 0.3746, 0.3510**, and **14.5470, 0.4216, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **29.4528, 0.4261, 0.3623**, and if you desaturate by 10%, it is **39.5425, 0.3676, 0.3482**.

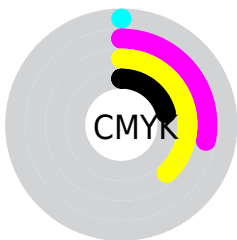
Distribution



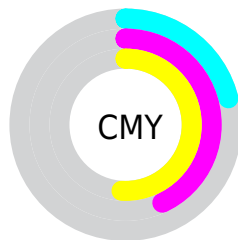
- Red (79%)
- Green (57%)
- Blue (49%)



- Red (79%)
- Yellow (60%)
- Blue (49%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (21%)





- Cyan (21%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1490, 0.3947, 0.3555 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 34.1490, 0.3947, 0.3555 by changing the saturation by 10% instead.


 34.1490, 0.3947,
0.3555


 34.1490, 0.3947,
0.3555


320.7959, 0.3512,
0.3429


 23.0081, 0.4063,
0.3583


 66.1653, 0.3783,
0.3512

 14.5995, 0.4216,
0.3615


 87.8095, 0.3723,
0.3495

 8.5388, 0.4427,
0.3653


 113.7236, 0.3674,
0.3480

 4.4416, 0.4733,
0.3691

144.2919, 0.3631,
0.3467

 1.9235, 0.5279,
0.3762

179.8989, 0.3595,
0.3456

 0.5625, 0.6393,
0.3607


220.9290, 0.3564,


 0.0000, 0.0000,


0.3446

0.0000


267.7665, 0.3536,
0.3437

 34.1490, 0.3947,
0.3555


 34.1490, 0.3947,
0.3555


 29.4528, 0.4261,
0.3623


 39.5425, 0.3676,
0.3482

 25.4199, 0.4616,
0.3679

 45.6554, 0.3447,
0.3410


 22.0210, 0.4998,
0.3713


 52.5153, 0.3255,
0.3341


 19.2223, 0.5382,
0.3713

 60.1464, 0.3094,
0.3276


 16.9866, 0.5729,
0.3671


 68.5720, 0.2960,
0.3217

 15.2698, 0.6003,
0.3590

 77.8145, 0.2847,
0.3162

 14.9549, 0.6057,
0.3573

 87.1865, 0.2806,
0.3223

 91.1575, 0.2811,
0.3289

Harmonies

Analogous

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



34.1490, 0.3784, 0.3221



34.1490, 0.3947, 0.3555



34.1490, 0.3871, 0.3851

Triad

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



34.1490, 0.3947, 0.3555



34.1490, 0.2801, 0.3707



34.1490, 0.2649, 0.2623

Complementary

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



34.1490, 0.3947, 0.3555



41.6237, 0.2564, 0.3004

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.



34.1490, 0.2423, 0.2699



34.1490, 0.3947, 0.3555



34.1490, 0.2504, 0.3310

Square

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



34.1490, 0.3947, 0.3555



34.1490, 0.3198, 0.3978



34.1490, 0.2371, 0.2939



34.1490, 0.3013, 0.2705

Rectangle

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



34.1490, 0.3947, 0.3555



34.1490, 0.3703, 0.3984



34.1490, 0.2371, 0.2939



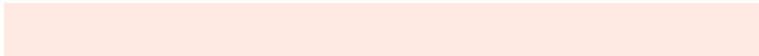
34.1490, 0.2556, 0.2630

Sweetspot

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



34.1506, 0.3947, 0.3555



85.8387, 0.3316, 0.3364



30.4628, 0.3368, 0.2574



18.0237, 0.3342, 0.3373



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.



34.1506, 0.3947, 0.3555



52.0803, 0.4189, 0.3609



47.3543, 0.3770, 0.4011



11.0834, 0.3283, 0.3351



9.5321, 0.6032, 0.3592



0.5737, 0.5609, 0.3928

Inverse Universe

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



41.6237, 0.2564, 0.3004



66.5581, 0.2459, 0.2934



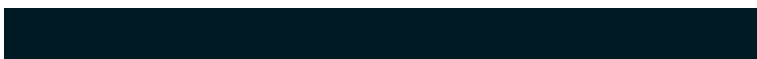
28.5243, 0.2482, 0.2444



11.5769, 0.2984, 0.3228



16.1435, 0.2006, 0.2421



0.8779, 0.2062, 0.2624

Previews

White Background



This preview shows how the Yxy color 34.1490, 0.3947, 0.3555 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 34.1490, 0.3947, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

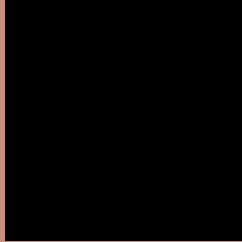
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1490, 0.3947, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 34.1490, 0.3947, 0.3555.



This preview shows how white text looks on a background with the Yxy color 34.1490, 0.3947, 0.3555.

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

34.1490, 0.3947, 0.3555

Protanopia

34.3079, 0.3470, 0.3691

Deuteranopia

34.2260, 0.3752, 0.3683



Tritanopia

34.1541, 0.3698, 0.3150

Trichromacy



Original Color

34.1490, 0.3947, 0.3555

Protanomaly

33.9512, 0.3633, 0.3634

Deuteranomaly

34.0265, 0.3831, 0.3634

Tritanomaly

33.9955, 0.3794, 0.3292

Monochromacy



Original Color

34.1490, 0.3947, 0.3555

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.2165, 0.3397, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1490, 0.3947, 0.3555 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(201, 145, 125)` looks like.

```
.text, #text, p{  
    color:rgb(201, 145, 125)  
}
```

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(201, 145, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 145, 125) }
```

Border

The CSS property to change the border of an element to Yxy 34.1490, 0.3947, 0.3555 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(201, 145, 125) }
```

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

```
.border{ border-color:rgb(201, 145, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 145, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 145, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 145, 125);  
box-shadow:4px 4px 4px 4px rgb(201, 145,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1490, 0.3947, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 145, 125) }
```

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

```
.background{ background-color: rgb(201,  
145, 125) }
```

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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