

Converting Colors

$Yxy(33.9927, 0.4155, 0.3825)$

Have a look what the booklet for
Yxy(33.9927, 0.4155, 0.3825)
contains.

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Color

Yxy(33.9952, 0.4153, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	C99269
RGB	201, 146, 105
RGB Percent	79%, 57%, 41%
CMY	0.2117, 0.4275, 0.5882
CMYK	0.00, 0.27, 0.48, 0.21
HSL	26°, 47%, 60%
HSV	26°, 48%, 79%
XYZ	36.9200, 33.9952, 17.9844
YIQ	157.7710, 45.9410, -1.0910

Conversions

Conversions Part 2

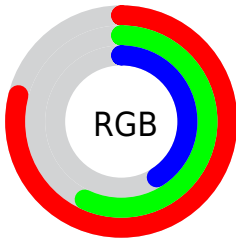
Format	Color
R _Y B	201, 177, 105
Decimal	13210217
CIE Lab	64.96, 15.86, 29.85
CIE LCh	65, 33.801, 62.019
Yxy	33.9952, 0.4153, 0.3824
Android (android.graphics.Color)	4291400297 (0xFFC99269)
YUV	157.7710, -26.0161, 37.9118
Hunter-Lab	58.3054, 10.9949, 22.5257

Details

The Yxy color **33.9952, 0.4153, 0.3824** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.3760, 0.2386, 0.2669**, and the grayscale version is **34.1890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0029, 0.3910, 0.3739**, and **14.4091, 0.4471, 0.3944** is the 20% darker color. If you saturate the color by 10%, you get **30.2565, 0.4446, 0.3920**, and if you desaturate by 10%, it is **38.1929, 0.3884, 0.3714**.

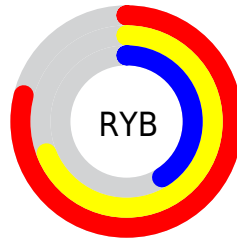
Distribution



Red (79%)

Green (57%)

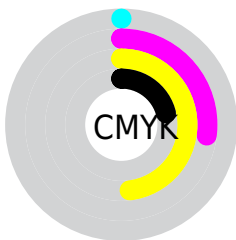
Blue (41%)



Red (79%)

Yellow (69%)

Blue (41%)

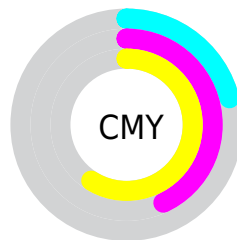


Cyan (0%)

Magenta (27%)

Yellow (48%)

Black (21%)



Cyan (21%)


Magenta (43%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9952, 0.4153, 0.3824 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 33.9952, 0.4153, 0.3824 by changing the saturation by 10% instead.


 33.9952, 0.4153,
0.3824


 33.9952, 0.4153,
0.3824


320.1106, 0.3614,
0.3567


 22.8899, 0.4293,
0.3881


 65.9262, 0.3952,
0.3735


 14.5122, 0.4474,
0.3948


 87.5207, 0.3878,
0.3700

 8.4778, 0.4715,
0.4024


 113.3804, 0.3816,
0.3670

 4.4022, 0.5043,
0.4099

 143.8897, 0.3763,
0.3644

 1.9010, 0.5710,
0.4290

179.4330, 0.3718,
0.3621

 0.5490, 0.6239,
0.3761

220.3946, 0.3679,

 0.0000, 0.0000,

0.3601

0.0000

267.1591, 0.3644,
0.3583

■ 33.9952, 0.4153,
0.3824

■ 33.9952, 0.4153,
0.3824

■ 30.2565, 0.4446,
0.3920

■ 38.1929, 0.3884,
0.3714

■ 26.9542, 0.4754,
0.3990

■ 42.8610, 0.3644,
0.3598

■ 24.0711, 0.5060,
0.4021

■ 48.0167, 0.3434,
0.3482

■ 21.5862, 0.5341,
0.4002

■ 53.6746, 0.3251,
0.3372

■ 19.4740, 0.5579,
0.3931

■ 59.8487, 0.3094,
0.3267

■ 19.0451, 0.5629,
0.3912

■ 66.5525, 0.2958,
0.3171

■ 73.7989, 0.2842,
0.3082

■ 80.8831, 0.2798,
0.3111

■ 87.8137, 0.2807,
0.3233

Harmonies

Analogous

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



33.9952, 0.4117, 0.3418



33.9952, 0.4153, 0.3824



33.9952, 0.3896, 0.4141

Triad

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



33.9952, 0.4153, 0.3824



33.9952, 0.2486, 0.3550



33.9952, 0.2754, 0.2493

Complementary

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



33.9952, 0.4153, 0.3824



32.3760, 0.2386, 0.2669

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.



33.9952, 0.2373, 0.2471



33.9952, 0.4153, 0.3824



33.9952, 0.2228, 0.3031

Square

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



33.9952, 0.4153, 0.3824



33.9952, 0.2925, 0.4024



33.9952, 0.2190, 0.2650



33.9952, 0.3269, 0.2688

Rectangle

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



33.9952, 0.4153, 0.3824



33.9952, 0.3607, 0.4240



33.9952, 0.2190, 0.2650



33.9952, 0.2607, 0.2465

Sweetspot

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



33.9969, 0.4153, 0.3824



85.5437, 0.3366, 0.3442



25.1000, 0.3654, 0.2578



17.8667, 0.3407, 0.3467



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.



33.9969, 0.4153, 0.3824



51.7682, 0.4448, 0.3920



51.5872, 0.3867, 0.4364



11.3689, 0.3279, 0.3389



12.1465, 0.5605, 0.3932



0.7182, 0.5240, 0.4222

Inverse Universe

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



32.3760, 0.2386, 0.2669



48.6316, 0.2244, 0.2509



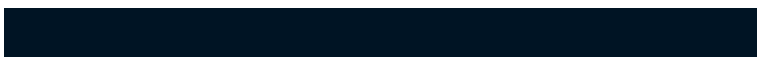
19.0359, 0.2249, 0.1921



11.2797, 0.2983, 0.3189



10.5741, 0.1845, 0.1842



0.6423, 0.1937, 0.2175

Previews

White Background



This preview shows how the Yxy color 33.9952, 0.4153, 0.3824 looks on a white background.

Color Contrast Check

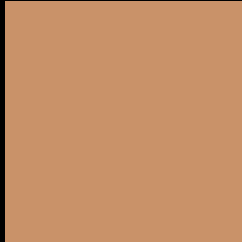
Large Text (above 18pt) WCAG AA × Fail

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 33.9952, 0.4153, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

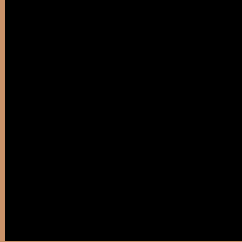
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9952, 0.4153, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 33.9952, 0.4153, 0.3824.



This preview shows how white text looks on a background with the Yxy color 33.9952, 0.4153, 0.3824.

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

33.9952, 0.4153, 0.3824

Protanopia

34.2374, 0.3712, 0.3992

Deuteranopia

34.0798, 0.4013, 0.3930



Tritanopia

33.9697, 0.3723, 0.3150

Trichromacy



Original Color

33.9952, 0.4153, 0.3824

Protanomaly

34.1390, 0.3870, 0.3938

Deuteranomaly

33.9637, 0.4069, 0.3893

Tritanomaly

33.9046, 0.3894, 0.3396

Monochromacy



Original Color

33.9952, 0.4153, 0.3824

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.9740, 0.3476, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9952, 0.4153, 0.3824 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, 146, 105)` looks like.

```
.text, #text, p{  
    color:rgb(201, 146, 105)  
}
```

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, 146, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 146, 105) }
```

Border

The CSS property to change the border of an element to Yxy 33.9952, 0.4153, 0.3824 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, 146, 105) }
```

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

```
.border{ border-color:rgb(201, 146, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 146, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 146, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 146, 105);  
box-shadow:4px 4px 4px 4px rgb(201, 146,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9952, 0.4153, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 146, 105) }
```

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

```
.background{ background-color: rgb(201,  
146, 105) }
```

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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