

Converting Colors

$Yxy(34.5625, 0.4003, 0.3813)$

Have a look what the booklet for
Yxy(34.5625, 0.4003, 0.3813)
contains.

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Color

Yxy(34.5625, 0.4003, 0.3813)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C3966F |
| RGB | 195, 150, 111 |
| RGB Percent | 76%, 59%, 44% |
| CMY | 0.2352, 0.4118, 0.5647 |
| CMYK | 0.00, 0.23, 0.43, 0.24 |
| HSL | 28°, 41%, 60% |
| HSV | 28°, 43%, 76% |
| XYZ | 36.2847, 34.5625, 19.7966 |
| YIQ | 159.0090, 39.3390, -2.5890 |

Conversions

Conversions Part 2

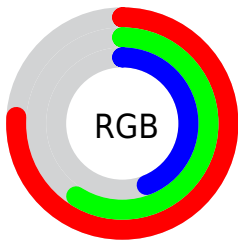
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 195, 184, 111 |
| Decimal | 12818031 |
| CIELab | 65.41, 11.82, 27.05 |
| CIElCh | 65, 29.525, 66.392 |
| Yxy | 34.5625, 0.4003, 0.3813 |
| Android (android.graphics.Color) | 4291008111 (0xFFC3966F) |
| YUV | 159.0090, -23.6684, 31.5641 |
| Hunter-Lab | 58.7899, 7.2868, 21.1879 |

Details

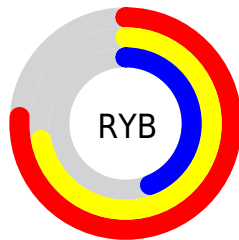
The Yxy color **34.5625, 0.4003, 0.3813** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.1036, 0.2449, 0.2692**, and the grayscale version is **34.7734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7127, 0.3832, 0.3720**, and **14.7715, 0.4270, 0.3940** is the 20% darker color. If you saturate the color by 10%, you get **30.9928, 0.4273, 0.3926**, and if you desaturate by 10%, it is **38.5267, 0.3756, 0.3690**.

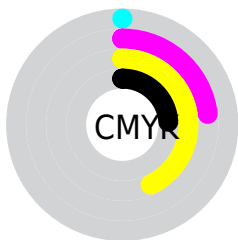
Distribution



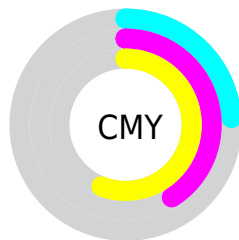
- Red (76%)
- Green (59%)
- Blue (44%)



- Red (76%)
- Yellow (72%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (43%)
- Black (24%)




- Cyan (24%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5625, 0.4003, 0.3813 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 34.5625, 0.4003, 0.3813 by changing the saturation by 10% instead.


 34.5625, 0.4003,
0.3813


 34.5625, 0.4003,
0.3813


322.6330, 0.3543,
0.3555

 23.3261, 0.4123,
0.3874


 66.8075, 0.3832,
0.3721


 14.8345, 0.4278,
0.3948


 88.5848, 0.3769,
0.3686

 8.7033, 0.4487,
0.4039


 114.6445, 0.3716,
0.3656

 4.5482, 0.4775,
0.4144

 145.3710, 0.3671,
0.3630

 1.9847, 0.5499,
0.4501

181.1487, 0.3632,
0.3608

 0.5985, 0.5890,
0.4110

222.3620, 0.3599,

 0.0000, 0.0000,

0.3588

0.0000

269.3953, 0.3569,
0.3570

■ 34.5625, 0.4003,
0.3813

■ 34.5625, 0.4003,
0.3813

■ 30.9928, 0.4273,
0.3926

■ 38.5267, 0.3756,
0.3690

■ 27.7988, 0.4560,
0.4019

■ 42.8936, 0.3536,
0.3564

■ 24.9671, 0.4850,
0.4078

■ 47.6770, 0.3343,
0.3441

■ 22.4814, 0.5127,
0.4092

■ 52.8889, 0.3175,
0.3325

■ 20.3234, 0.5369,
0.4052

■ 58.5404, 0.3028,
0.3215

■ 19.0052, 0.5518,
0.4001

■ 64.6422, 0.2902,
0.3114

■ 71.2048, 0.2792,
0.3021

■ 77.4401, 0.2760,
0.3059

■ 83.5531, 0.2769,
0.3172

Harmonies

Analogous

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



34.5625, 0.4008, 0.3464



34.5625, 0.4003, 0.3813



34.5625, 0.3752, 0.4060

Triad

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



34.5625, 0.4003, 0.3813



34.5625, 0.2523, 0.3450



34.5625, 0.2864, 0.2604

Complementary

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



34.5625, 0.4003, 0.3813



31.1036, 0.2449, 0.2692

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.



34.5625, 0.2505, 0.2563



34.5625, 0.4003, 0.3813



34.5625, 0.2320, 0.3012

Square

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



34.5625, 0.4003, 0.3813



34.5625, 0.2892, 0.3871



34.5625, 0.2315, 0.2699



34.5625, 0.3322, 0.2797

Rectangle

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



34.5625, 0.4003, 0.3813



34.5625, 0.3489, 0.4116



34.5625, 0.2315, 0.2699



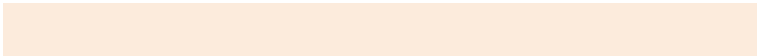
34.5625, 0.2729, 0.2572

Sweetspot

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



34.5641, 0.4003, 0.3813



85.2666, 0.3345, 0.3443



25.4144, 0.3618, 0.2681



18.2365, 0.3387, 0.3470



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.



34.5641, 0.4003, 0.3813



55.6650, 0.4265, 0.3923



49.9344, 0.3782, 0.4295



10.8312, 0.3278, 0.3397



12.5146, 0.5496, 0.4018



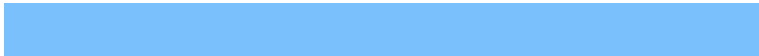
0.6785, 0.5132, 0.4307

Inverse Universe

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



31.1036, 0.2449, 0.2692



48.6220, 0.2302, 0.2527



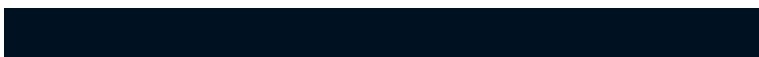
19.6271, 0.2340, 0.2035



10.6217, 0.2984, 0.3180



9.2295, 0.1810, 0.1716



0.5356, 0.1916, 0.2099

Previews

White Background



This preview shows how the Yxy color 34.5625, 0.4003, 0.3813 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 34.5625, 0.4003, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

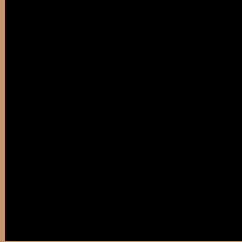
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5625, 0.4003, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 34.5625, 0.4003, 0.3813.



This preview shows how white text looks on a background with the Yxy color 34.5625, 0.4003, 0.3813.

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

34.5625, 0.4003, 0.3813

Protanopia

34.6920, 0.3661, 0.3934

Deuteranopia

34.5513, 0.3938, 0.3851



Tritanopia

34.4552, 0.3603, 0.3147

Trichromacy



Original Color

34.5625, 0.4003, 0.3813

Protanomaly

34.6951, 0.3780, 0.3886

Deuteranomaly

34.4874, 0.3965, 0.3833

Tritanomaly

34.4276, 0.3758, 0.3385

Monochromacy



Original Color

34.5625, 0.4003, 0.3813

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.5006, 0.3421, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5625, 0.4003, 0.3813 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, 150, 111)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 111)  
}
```

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, 150, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 111) }
```

Border

The CSS property to change the border of an element to Yxy 34.5625, 0.4003, 0.3813 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, 150, 111) }
```

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

```
.border{ border-color:rgb(195, 150, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 150, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 150, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 150, 111);  
box-shadow:4px 4px 4px 4px rgb(195, 150,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5625, 0.4003, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 150, 111) }
```

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

```
.background{ background-color: rgb(195,  
150, 111) }
```

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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