

Converting Colors

Yxy(35.3048, 0.4372, 0.4133)

Have a look what the booklet for
Yxy(35.3048, 0.4372, 0.4133)
contains.

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Color

Yxy(35.2593, 0.4371, 0.4128)

Conversions

Conversions Part 1

Format	Color
Hex	CC9652
RGB	204, 150, 82
RGB Percent	80%, 59%, 32%
CMY	0.1999, 0.4118, 0.6784
CMYK	0.00, 0.26, 0.60, 0.20
HSL	33°, 54%, 56%
HSV	33°, 60%, 80%
XYZ	37.3349, 35.2593, 12.8208
YIQ	158.3940, 54.0120, -9.7000

Conversions

Conversions Part 2

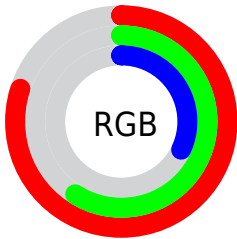
Format	Color
RYB	179, 204, 82
Decimal	13407826
CIELab	65.95, 12.95, 43.27
CIELCh	66, 45.161, 73.340
Yxy	35.2593, 0.4371, 0.4128
Android (android.graphics.Color)	4291597906 (0xFFCC9652)
YUV	158.3940, -37.6622, 39.9965
Hunter-Lab	59.3795, 8.3177, 28.7642

Details

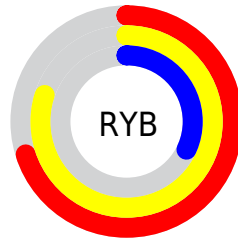
The Yxy color **35.2593, 0.4371, 0.4128** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **23.7692, 0.2158, 0.2212**, and the grayscale version is **34.5379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1392, 0.4074, 0.4018**, and **15.1445, 0.4710, 0.4300** is the 20% darker color. If you saturate the color by 10%, you get **32.2228, 0.4620, 0.4219**, and if you desaturate by 10%, it is **38.6139, 0.4122, 0.4007**.

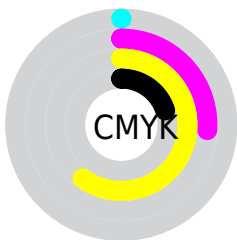
Distribution



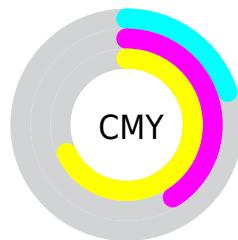
- Red (80%)
- Green (59%)
- Blue (32%)



- Red (70%)
- Yellow (80%)
- Blue (32%)



- Cyan (0%)
- Magenta (26%)
- Yellow (60%)
- Black (20%)





- Cyan (20%)
- Magenta (41%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.2593, 0.4371, 0.4128 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 35.2593, 0.4371, 0.4128 by changing the saturation by 10% instead.


 35.2593, 0.4371,
0.4128


 35.2593, 0.4371,
0.4128


325.7114, 0.3736,
0.3732


 23.8627, 0.4524,
0.4210


 67.8873, 0.4142,
0.3994


 15.2318, 0.4712,
0.4301


 89.8874, 0.4055,
0.3941

 8.9822, 0.4944,
0.4395

 116.1909, 0.3982,
0.3894

 4.7296, 0.5337,
0.4563

 147.1820, 0.3918,
0.3853

 2.0895, 0.5545,
0.4455

 183.2452, 0.3864,
0.3817

 0.6587, 0.5896,
0.4104

224.7649, 0.3816,

 0.0000, 0.0000,

0.3786

0.0000

272.1255, 0.3774,
0.3757

■ 35.2593, 0.4371,
0.4128

■ 35.2593, 0.4371,
0.4128

■ 32.2228, 0.4620,
0.4219

■ 38.6139, 0.4122,
0.4007

■ 29.4856, 0.4857,
0.4269

■ 42.2935, 0.3884,
0.3867

■ 27.0344, 0.5067,
0.4266

■ 46.3112, 0.3663,
0.3719

■ 24.8455, 0.5245,
0.4216

■ 50.6778, 0.3463,
0.3570

■ 24.8052, 0.5248,
0.4215

■ 55.4031, 0.3283,
0.3425

■ 60.4968, 0.3124,
0.3287

■ 65.9679, 0.2984,
0.3159

■ 71.8253, 0.2861,
0.3040

■ 77.3743, 0.2811,
0.3037

Harmonies

Analogous

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



35.2593, 0.4498, 0.3625



35.2593, 0.4371, 0.4128



35.2593, 0.3905, 0.4494

Triad

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



35.2593, 0.4371, 0.4128



35.2593, 0.2137, 0.3349



35.2593, 0.2870, 0.2347

Complementary

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



35.2593, 0.4371, 0.4128



23.7692, 0.2158, 0.2212

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.



35.2593, 0.2310, 0.2227



35.2593, 0.4371, 0.4128



35.2593, 0.1925, 0.2715

Square

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



35.2593, 0.4371, 0.4128



35.2593, 0.2613, 0.4068



35.2593, 0.1987, 0.2338



35.2593, 0.3574, 0.2659

Rectangle

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



35.2593, 0.4371, 0.4128



35.2593, 0.3484, 0.4561



35.2593, 0.1987, 0.2338



35.2593, 0.2660, 0.2283

Sweetspot

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



35.2610, 0.4371, 0.4128



85.1012, 0.3433, 0.3547



20.6784, 0.4104, 0.2617



17.7400, 0.3489, 0.3590



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.



35.2610, 0.4371, 0.4128



51.8819, 0.4697, 0.4240



55.7978, 0.3915, 0.4709



12.2331, 0.3276, 0.3419



15.7980, 0.5230, 0.4230



0.9648, 0.4974, 0.4433

Inverse Universe

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



23.7692, 0.2158, 0.2212



31.2545, 0.1974, 0.1927



12.4753, 0.2017, 0.1401



11.6478, 0.2983, 0.3157



7.5596, 0.1724, 0.1406



0.5404, 0.1830, 0.1787

Previews

White Background



This preview shows how the Yxy color 35.2593, 0.4371, 0.4128 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 35.2593, 0.4371, 0.4128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

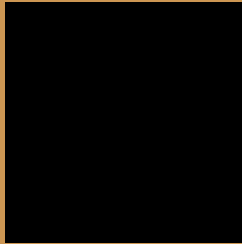
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2593, 0.4371, 0.4128

Background



This preview shows how black text looks on a background with the Yxy color 35.2593, 0.4371, 0.4128.



This preview shows how white text looks on a background with the Yxy color 35.2593, 0.4371, 0.4128.

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

35.2593, 0.4371, 0.4128

Protanopia

35.5087, 0.3970, 0.4330

Deuteranopia

35.2469, 0.4282, 0.4204



Tritanopia

35.2012, 0.3736, 0.3153

Trichromacy



Original Color

35.2593, 0.4371, 0.4128

Protanomaly

35.3346, 0.4112, 0.4250

Deuteranomaly

35.3299, 0.4321, 0.4179

Tritanomaly

35.0485, 0.3989, 0.3523

Monochromacy



Original Color

35.2593, 0.4371, 0.4128

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.1684, 0.3573, 0.3652

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2593, 0.4371, 0.4128 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(204, 150, 82)` looks like.

```
.text, #text, p{  
    color:rgb(204, 150, 82)  
}
```

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(204, 150, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 150, 82) }
```

Border

The CSS property to change the border of an element to Yxy 35.2593, 0.4371, 0.4128 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(204, 150, 82) }
```

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

```
.border{ border-color:rgb(204, 150, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 150, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 150, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 150, 82);  
box-shadow:4px 4px 4px 4px rgb(204, 150,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2593, 0.4371, 0.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 150, 82) }
```

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

```
.background{ background-color: rgb(204,  
150, 82) }
```

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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