

Converting Colors

$Yxy(35.0553, 0.4490, 0.4274)$

Have a look what the booklet for
Yxy(35.0553, 0.4490, 0.4274)
contains.

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Color

Yxy(35.0553, 0.4490, 0.4274)

Conversions

Conversions Part 1

Format	Color
Hex	CC9643
RGB	204, 150, 67
RGB Percent	80%, 59%, 26%
CMY	0.1999, 0.4118, 0.7372
CMYK	0.00, 0.26, 0.67, 0.20
HSL	36°, 57%, 53%
HSV	36°, 67%, 80%
XYZ	36.8269, 35.0553, 10.1377
YIQ	156.6840, 58.8270, -14.3650

Conversions

Conversions Part 2

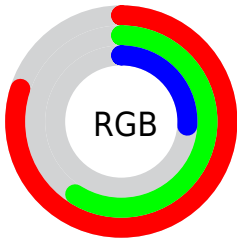
Format	Color
RYB	156, 204, 67
Decimal	13407811
CIELab	65.79, 11.96, 50.37
CIElCh	66, 51.774, 76.641
Yxy	35.0553, 0.4490, 0.4274
Android (android.graphics.Color)	4291597891 (0xFFCC9643)
YUV	156.6840, -44.2142, 41.4961
Hunter-Lab	59.2075, 7.4134, 31.2935

Details

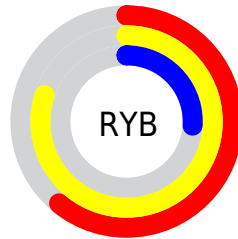
The Yxy color **35.0553, 0.4490, 0.4274** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **19.2411, 0.2024, 0.1942**, and the grayscale version is **33.7521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7537, 0.4178, 0.4156**, and **15.0612, 0.4842, 0.4451** is the 20% darker color. If you saturate the color by 10%, you get **32.3735, 0.4709, 0.4345**, and if you desaturate by 10%, it is **38.0032, 0.4260, 0.4164**.

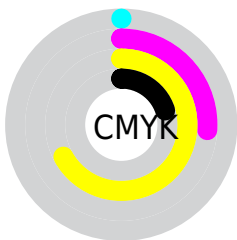
Distribution



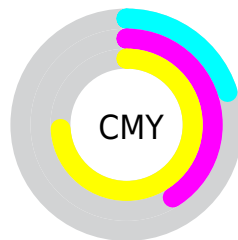
- Red (80%)
- Green (59%)
- Blue (26%)



- Red (61%)
- Yellow (80%)
- Blue (26%)



- Cyan (0%)
- Magenta (26%)
- Yellow (67%)
- Black (20%)





- Cyan (20%)
- Magenta (41%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0553, 0.4490, 0.4274 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 35.0553, 0.4490, 0.4274 by changing the saturation by 10% instead.


 35.0553, 0.4490,
0.4274


 35.0553, 0.4490,
0.4274


324.8124, 0.3807,
0.3817


 23.7055, 0.4646,
0.4363


 67.5714, 0.4249,
0.4124

 15.1153, 0.4833,
0.4457


 89.5065, 0.4156,
0.4062

 8.9003, 0.5051,
0.4544

 115.7388, 0.4076,
0.4008

 4.6762, 0.5355,
0.4645

 146.6527, 0.4007,
0.3960

 2.0586, 0.5499,
0.4501

 182.6327, 0.3947,
0.3918

 0.6412, 0.5847,
0.4153

224.0630, 0.3894,

 0.0000, 0.0000,

0.3881

0.0000

271.3281, 0.3848,
0.3847

■ 35.0553, 0.4490,
0.4274

■ 35.0553, 0.4490,
0.4274

■ 32.3735, 0.4709,
0.4345

■ 38.0032, 0.4260,
0.4164

■ 29.9394, 0.4903,
0.4368

■ 41.2235, 0.4029,
0.4026

■ 27.7384, 0.5065,
0.4339

■ 44.7284, 0.3807,
0.3872

■ 27.1474, 0.5109,
0.4326

■ 48.5278, 0.3600,
0.3711

■ 52.6306, 0.3410,
0.3551

■ 57.0456, 0.3238,
0.3396

■ 61.7808, 0.3085,
0.3249

■ 66.8441, 0.2950,
0.3112

■ 72.2429, 0.2830,
0.2985

Harmonies

Analogous

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



35.0553, 0.4701, 0.3708



35.0553, 0.4490, 0.4274



35.0553, 0.3919, 0.4690

Triad

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



35.0553, 0.4490, 0.4274



35.0553, 0.1963, 0.3254



35.0553, 0.2912, 0.2260

Complementary

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



35.0553, 0.4490, 0.4274



19.2411, 0.2024, 0.1942

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.



35.0553, 0.2257, 0.2099



35.0553, 0.4490, 0.4274



35.0553, 0.1769, 0.2561

Square

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



35.0553, 0.4490, 0.4274



35.0553, 0.2460, 0.4110



35.0553, 0.1872, 0.2184



35.0553, 0.3725, 0.2625

Rectangle

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



35.0553, 0.4490, 0.4274



35.0553, 0.3431, 0.4753



35.0553, 0.1872, 0.2184



35.0553, 0.2667, 0.2181

Sweetspot

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



35.0570, 0.4490, 0.4274



84.9718, 0.3467, 0.3600



18.2578, 0.4412, 0.2648



17.7720, 0.3521, 0.3646



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.



35.0570, 0.4490, 0.4274



51.5732, 0.4808, 0.4363



54.5923, 0.3920, 0.4872



12.3251, 0.3275, 0.3430



17.2681, 0.5092, 0.4339



1.0362, 0.4871, 0.4514

Inverse Universe

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



19.2411, 0.2024, 0.1942



23.7997, 0.1832, 0.1599



10.1139, 0.1924, 0.1195



11.5577, 0.2983, 0.3146



6.5668, 0.1684, 0.1260



0.4856, 0.1793, 0.1656

Previews

White Background



This preview shows how the Yxy color 35.0553, 0.4490, 0.4274 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 35.0553, 0.4490, 0.4274 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 35.0553, 0.4490, 0.4274

Background



This preview shows how black text looks on a background with the Yxy color 35.0553, 0.4490, 0.4274.



This preview shows how white text looks on a background with the Yxy color 35.0553, 0.4490, 0.4274.

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

35.0553, 0.4490, 0.4274

Protanopia

35.0488, 0.4110, 0.4496

Deuteranopia

34.9919, 0.4427, 0.4332



Tritanopia

35.0184, 0.3761, 0.3153

Trichromacy



Original Color

35.0553, 0.4490, 0.4274

Protanomaly

34.7714, 0.4245, 0.4412

Deuteranomaly

34.9441, 0.4457, 0.4310

Tritanomaly

34.7369, 0.4070, 0.3585

Monochromacy



Original Color

35.0553, 0.4490, 0.4274

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.5651, 0.3626, 0.3728

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0553, 0.4490, 0.4274 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, 67)` looks like.

```
.text, #text, p{  
    color:rgb(204, 150, 67)  
}
```

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, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 150, 67) }
```

Border

The CSS property to change the border of an element to Yxy 35.0553, 0.4490, 0.4274 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, 67) }
```

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

```
.border{ border-color:rgb(204, 150, 67) }
```

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, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 150, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 150, 67);  
box-shadow:4px 4px 4px 4px rgb(204, 150,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0553, 0.4490, 0.4274 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, 67) }
```

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

```
.background{ background-color: rgb(204,  
150, 67) }
```

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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