

Converting Colors

$Yxy(35.4984, 0.4446, 0.4440)$

Have a look what the booklet for
Yxy(35.4984, 0.4446, 0.4440)
contains.

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Color

Yxy(35.4124, 0.4458, 0.4436)

Conversions

Conversions Part 1

Format	Color
Hex	C69A39
RGB	198, 154, 57
RGB Percent	78%, 60%, 22%
CMY	0.2234, 0.3961, 0.7765
CMYK	0.00, 0.22, 0.71, 0.22
HSL	41°, 55%, 50%
HSV	41°, 71%, 78%
XYZ	35.5880, 35.4124, 8.8292
YIQ	156.0980, 57.3610, -20.8390

Conversions

Conversions Part 2

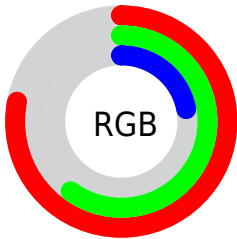
Format	Color
RYB	121, 198, 57
Decimal	13015609
CIELab	66.07, 6.63, 54.93
CIELCh	66, 55.330, 83.113
Yxy	35.4124, 0.4458, 0.4436
Android (android.graphics.Color)	4291205689 (0xFFC69A39)
YUV	156.0980, -48.8553, 36.7481
Hunter-Lab	59.5083, 2.6096, 32.8591

Details

The Yxy color **35.4124, 0.4458, 0.4436** 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 **14.2604, 0.1920, 0.1656**, and the grayscale version is **33.4963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4759, 0.4212, 0.4270**, and **15.2759, 0.4738, 0.4620** is the 20% darker color. If you saturate the color by 10%, you get **33.2650, 0.4631, 0.4505**, and if you desaturate by 10%, it is **37.7454, 0.4265, 0.4325**.

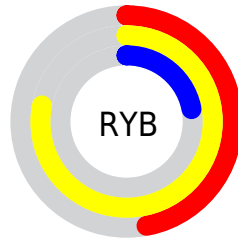
Distribution



Red (78%)

Green (60%)

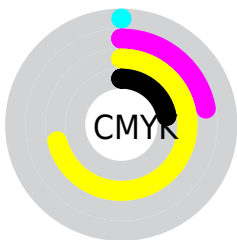
Blue (22%)



Red (47%)

Yellow (78%)

Blue (22%)

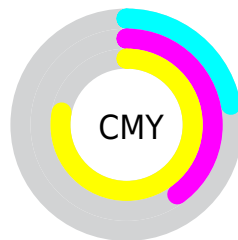


Cyan (0%)

Magenta (22%)

Yellow (71%)

Black (22%)



Cyan (22%)


Magenta (40%)

Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4124, 0.4458, 0.4436 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 35.4124, 0.4458, 0.4436 by changing the saturation by 10% instead.


 35.4124, 0.4458,
0.4436


 35.4124, 0.4458,
0.4436


 326.3849, 0.3805,
0.3898

 23.9807, 0.4599,
0.4542


 68.1242, 0.4233,
0.4258

 15.3193, 0.4761,
0.4654


 90.1730, 0.4144,
0.4185

 9.0438, 0.4955,
0.4777

 116.5297, 0.4067,
0.4121

 4.7698, 0.5142,
0.4858

 147.5787, 0.4001,
0.4065

 2.1128, 0.5224,
0.4776

 183.7043, 0.3943,
0.4016

 0.6718, 0.5437,
0.4563

 225.2909, 0.3891,

 0.0000, 0.0000,

0.3972

0.0000

272.7230, 0.3846,
0.3933

■ 35.4124, 0.4458,
0.4436

■ 35.4124, 0.4458,
0.4436

■ 33.2650, 0.4631,
0.4505

■ 37.7454, 0.4265,
0.4325

■ 31.2870, 0.4775,
0.4525

■ 40.2684, 0.4063,
0.4180

■ 29.6743, 0.4880,
0.4507

■ 42.9917, 0.3859,
0.4015

■ 45.9229, 0.3662,
0.3838

■ 49.0692, 0.3475,
0.3657

■ 52.4375, 0.3303,
0.3480

■ 56.0339, 0.3145,
0.3310

■ 59.8644, 0.3003,
0.3150

■ 63.9349, 0.2876,
0.3000

Harmonies

Analogous

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



35.4124, 0.4790, 0.3850



35.4124, 0.4458, 0.4436



35.4124, 0.3793, 0.4827

Triad

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



35.4124, 0.4458, 0.4436



35.4124, 0.1825, 0.3060



35.4124, 0.3074, 0.2271

Complementary

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



35.4124, 0.4458, 0.4436



14.2604, 0.1920, 0.1656

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.



35.4124, 0.2332, 0.2052



35.4124, 0.4458, 0.4436



35.4124, 0.1696, 0.2398

Square

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



35.4124, 0.4458, 0.4436



35.4124, 0.2277, 0.3975



35.4124, 0.1867, 0.2079



35.4124, 0.3945, 0.2692

Rectangle

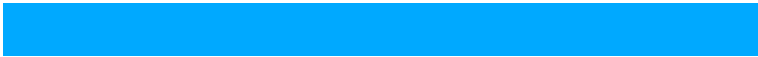
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.4124, 0.4458, 0.4436



35.4124, 0.3264, 0.4821



35.4124, 0.1867, 0.2079



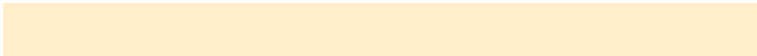
35.4124, 0.2801, 0.2173

Sweetspot

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



35.4141, 0.4458, 0.4436



86.8111, 0.3477, 0.3659



15.8874, 0.4749, 0.2780



18.2389, 0.3528, 0.3710



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.



35.4141, 0.4458, 0.4436



57.0816, 0.4707, 0.4521



49.4858, 0.3841, 0.5004



11.8367, 0.3273, 0.3448



19.4506, 0.4868, 0.4516



1.0460, 0.4695, 0.4654

Inverse Universe

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



14.2604, 0.1920, 0.1656



17.9288, 0.1730, 0.1292



8.8362, 0.1941, 0.1127



10.8188, 0.2983, 0.3127



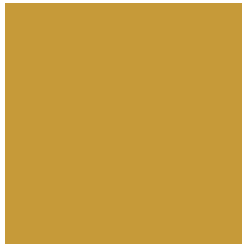
5.0151, 0.1623, 0.1042



0.3683, 0.1743, 0.1475

Previews

White Background



This preview shows how the Yxy color 35.4124, 0.4458, 0.4436 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 35.4124, 0.4458, 0.4436 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 35.4124, 0.4458, 0.4436

Background



This preview shows how black text looks on a background with the Yxy color 35.4124, 0.4458, 0.4436.



This preview shows how white text looks on a background with the Yxy color 35.4124, 0.4458, 0.4436.

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

35.4124, 0.4458, 0.4436

Protanopia

35.5088, 0.4194, 0.4602

Deuteranopia

35.4954, 0.4498, 0.4408



Tritanopia

35.2922, 0.3666, 0.3151

Trichromacy



Original Color

35.4124, 0.4458, 0.4436

Protanomaly

35.3240, 0.4300, 0.4537

Deuteranomaly

35.3572, 0.4488, 0.4414

Tritanomaly

35.0683, 0.4006, 0.3670

Monochromacy



Original Color

35.4124, 0.4458, 0.4436

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.4567, 0.3629, 0.3806

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4124, 0.4458, 0.4436 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(198, 154, 57)` looks like.

```
.text, #text, p{  
    color:rgb(198, 154, 57)  
}
```

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(198, 154, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 154, 57) }
```

Border

The CSS property to change the border of an element to Yxy 35.4124, 0.4458, 0.4436 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(198, 154, 57) }
```

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

```
.border{ border-color:rgb(198, 154, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 154, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 154, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 154, 57);  
box-shadow:4px 4px 4px 4px rgb(198, 154,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4124, 0.4458, 0.4436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 154, 57) }
```

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

```
.background{ background-color: rgb(198,  
154, 57) }
```

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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