

Converting Colors

Yxy(34.9649, 0.4374, 0.4466)

Have a look what the booklet for
Yxy(34.9649, 0.4374, 0.4466)
contains.

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Color

Yxy(34.9649, 0.4374, 0.4466)

Conversions

Conversions Part 1

Format	Color
Hex	C09B3B
RGB	192, 155, 59
RGB Percent	75%, 61%, 23%
CMY	0.2472, 0.3921, 0.7686
CMYK	0.00, 0.19, 0.69, 0.25
HSL	43°, 53%, 49%
HSV	43°, 69%, 75%
XYZ	34.2446, 34.9649, 9.0818
YIQ	155.1190, 52.8680, -22.0120

Conversions

Conversions Part 2

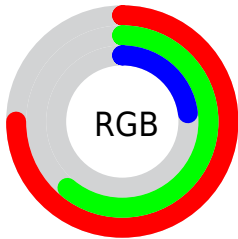
Format	Color
RYB	110, 192, 59
Decimal	12622651
CIELab	65.72, 3.54, 53.51
CIELCh	66, 53.631, 86.217
Yxy	34.9649, 0.4374, 0.4466
Android (android.graphics.Color)	4290812731 (0xFFC09B3B)
YUV	155.1190, -47.3867, 32.3446
Hunter-Lab	59.1311, -0.1047, 32.2856

Details

The Yxy color **34.9649, 0.4374, 0.4466** 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 **13.0941, 0.1933, 0.1634**, and the grayscale version is **33.0305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2579, 0.4162, 0.4276**, and **15.0515, 0.4653, 0.4687** is the 20% darker color. If you saturate the color by 10%, you get **33.0653, 0.4537, 0.4550**, and if you desaturate by 10%, it is **37.0196, 0.4192, 0.4341**.

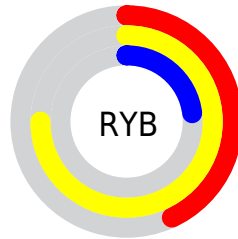
Distribution



Red (75%)

Green (61%)

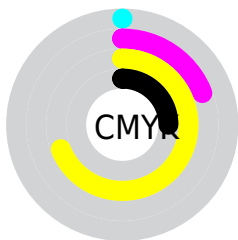
Blue (23%)



Red (43%)

Yellow (75%)

Blue (23%)

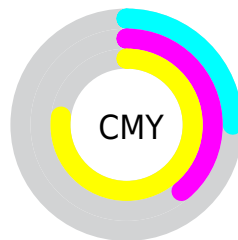


Cyan (0%)

Magenta (19%)

Yellow (69%)

Black (25%)



Cyan (25%)


Magenta (39%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9649, 0.4374, 0.4466 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 34.9649, 0.4374, 0.4466 by changing the saturation by 10% instead.


 34.9649, 0.4374,
0.4466


 34.9649, 0.4374,
0.4466


324.4134, 0.3762,
0.3902

 23.6358, 0.4507,
0.4583


 67.4314, 0.4163,
0.4275


 15.0637, 0.4659,
0.4711


 89.3376, 0.4079,
0.4199


 8.8641, 0.4837,
0.4854


 115.5383, 0.4007,
0.4132

 4.6527, 0.5019,
0.4981

 146.4180, 0.3945,
0.4074

 2.0449, 0.5065,
0.4935

 182.3609, 0.3890,
0.4023

 0.6334, 0.5208,
0.4792

 223.7515, 0.3842,

 0.0000, 0.0000,

0.3978

0.0000

270.9742, 0.3800,
0.3938

■ 34.9649, 0.4374,
0.4466

■ 34.9649, 0.4374,
0.4466

■ 33.0653, 0.4537,
0.4550

■ 37.0196, 0.4192,
0.4341

■ 31.3062, 0.4673,
0.4587

■ 39.2326, 0.4000,
0.4186

■ 29.6732, 0.4781,
0.4580

■ 41.6128, 0.3806,
0.4011

■ 29.5568, 0.4789,
0.4579

■ 44.1669, 0.3616,
0.3825

■ 46.9011, 0.3437,
0.3637

■ 49.8210, 0.3270,
0.3454

■ 52.9322, 0.3116,
0.3277

■ 56.2397, 0.2977,
0.3111

■ 59.7484, 0.2852,
0.2957

Harmonies

Analogous

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



34.9649, 0.4736, 0.3905



34.9649, 0.4374, 0.4466



34.9649, 0.3704, 0.4803

Triad

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



34.9649, 0.4374, 0.4466



34.9649, 0.1828, 0.2987



34.9649, 0.3163, 0.2328

Complementary

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



34.9649, 0.4374, 0.4466



13.0941, 0.1933, 0.1634

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.



34.9649, 0.2415, 0.2090



34.9649, 0.4374, 0.4466



34.9649, 0.1730, 0.2374

Square

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



34.9649, 0.4374, 0.4466



34.9649, 0.2240, 0.3863



34.9649, 0.1928, 0.2091



34.9649, 0.4007, 0.2758

Rectangle

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



34.9649, 0.4374, 0.4466



34.9649, 0.3183, 0.4750



34.9649, 0.1928, 0.2091



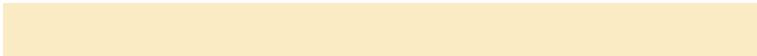
34.9649, 0.2891, 0.2225

Sweetspot

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



34.9666, 0.4374, 0.4466



83.9519, 0.3473, 0.3676



15.1888, 0.4759, 0.2842



17.7116, 0.3523, 0.3728



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.9666, 0.4374, 0.4466



58.2831, 0.4609, 0.4575



45.8086, 0.3791, 0.4994



11.2696, 0.3271, 0.3456



20.0303, 0.4780, 0.4587



0.9764, 0.4621, 0.4713

Inverse Universe

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



13.0941, 0.1933, 0.1634



16.5392, 0.1730, 0.1256



8.9987, 0.2014, 0.1202



10.1936, 0.2984, 0.3119



4.4115, 0.1601, 0.0964



0.3107, 0.1730, 0.1427

Previews

White Background



This preview shows how the Yxy color 34.9649, 0.4374, 0.4466 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 34.9649, 0.4374, 0.4466 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 34.9649, 0.4374, 0.4466

Background



This preview shows how black text looks on a background with the Yxy color 34.9649, 0.4374, 0.4466.



This preview shows how white text looks on a background with the Yxy color 34.9649, 0.4374, 0.4466.

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

34.9649, 0.4374, 0.4466

Protanopia

34.9328, 0.4176, 0.4595

Deuteranopia

34.9248, 0.4469, 0.4384



Tritanopia

34.7932, 0.3589, 0.3147

Trichromacy



Original Color

34.9649, 0.4374, 0.4466

Protanomaly

34.8472, 0.4246, 0.4543

Deuteranomaly

34.8445, 0.4428, 0.4412

Tritanomaly

34.6111, 0.3916, 0.3667

Monochromacy



Original Color

34.9649, 0.4374, 0.4466

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.1236, 0.3597, 0.3812

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9649, 0.4374, 0.4466 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(192, 155, 59)` looks like.

```
.text, #text, p{  
    color:rgb(192, 155, 59)  
}
```

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(192, 155, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 155, 59) }
```

Border

The CSS property to change the border of an element to Yxy 34.9649, 0.4374, 0.4466 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(192, 155, 59) }
```

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

```
.border{ border-color:rgb(192, 155, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 155, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 155, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 155, 59);  
box-shadow:4px 4px 4px 4px rgb(192, 155,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9649, 0.4374, 0.4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 155, 59) }
```

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

```
.background{ background-color: rgb(192,  
155, 59) }
```

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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