

Converting Colors

$Yxy(35.2548, 0.3944, 0.4070)$

Have a look what the booklet for
Yxy(35.2548, 0.3944, 0.4070)
contains.

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Color

Yxy(35.2439, 0.3940, 0.4064)

Conversions

Conversions Part 1

Format	Color
Hex	B89D65
RGB	184, 157, 101
RGB Percent	72%, 62%, 40%
CMY	0.2785, 0.3843, 0.6040
CMYK	0.00, 0.15, 0.45, 0.28
HSL	41°, 37%, 56%
HSV	41°, 45%, 72%
XYZ	34.1685, 35.2439, 17.3098
YIQ	158.6890, 34.0680, -11.6920

Conversions

Conversions Part 2

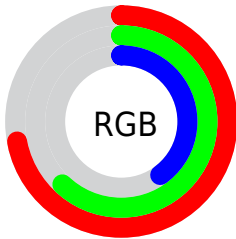
Format	Color
RYB	141, 184, 101
Decimal	12098917
CIELab	65.94, 2.34, 32.93
CIELCh	66, 33.011, 85.935
Yxy	35.2439, 0.3940, 0.4064
Android (android.graphics.Color)	4290288997 (0xFFB89D65)
YUV	158.6890, -28.4407, 22.1977
Hunter-Lab	59.3666, -1.1555, 24.2692

Details

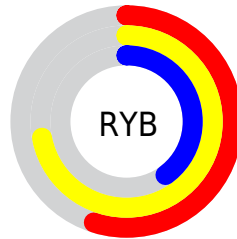
The Yxy color **35.2439, 0.3940, 0.4064** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.6509, 0.2368, 0.2360**, and the grayscale version is **34.6415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5892, 0.3783, 0.3915**, and **15.2322, 0.4170, 0.4278** is the 20% darker color. If you saturate the color by 10%, you get **32.9508, 0.4147, 0.4220**, and if you desaturate by 10%, it is **37.7200, 0.3738, 0.3894**.

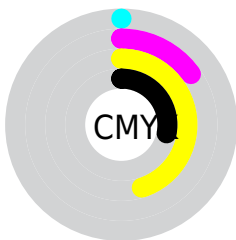
Distribution



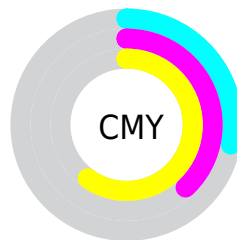
- Red (72%)
- Green (62%)
- Blue (40%)



- Red (55%)
- Yellow (72%)
- Blue (40%)



- Cyan (0%)
- Magenta (15%)
- Yellow (45%)
- Black (28%)





- Cyan (28%)
- Magenta (38%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.2439, 0.3940, 0.4064 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 35.2439, 0.3940, 0.4064 by changing the saturation by 10% instead.


 35.2439, 0.3940,
0.4064


 35.2439, 0.3940,
0.4064


325.6436, 0.3522,
0.3671


 23.8508, 0.4045,
0.4160


 67.8634, 0.3787,
0.3921


 15.2230, 0.4177,
0.4281


 89.8587, 0.3730,
0.3868

 8.9760, 0.4347,
0.4433

 116.1568, 0.3681,
0.3822

 4.7256, 0.4569,
0.4625

 147.1421, 0.3640,
0.3783

 2.0872, 0.4999,
0.5001

183.1990, 0.3605,
0.3749

 0.6574, 0.5092,
0.4908

224.7120, 0.3574,

 0.0000, 0.0000,

0.3720

0.0000

272.0654, 0.3546,
0.3694

■ 35.2439, 0.3940,
0.4064

■ 35.2439, 0.3940,
0.4064

■ 32.9508, 0.4147,
0.4220

■ 37.7200, 0.3738,
0.3894

■ 30.8288, 0.4350,
0.4351

■ 40.3805, 0.3546,
0.3718

■ 28.8722, 0.4541,
0.4445

■ 43.2329, 0.3367,
0.3542

■ 27.0722, 0.4710,
0.4495

■ 46.2827, 0.3204,
0.3373

■ 25.4189, 0.4848,
0.4495

■ 49.5353, 0.3057,
0.3213

■ 24.6541, 0.4910,
0.4484

■ 52.9955, 0.2925,
0.3063

■ 56.6682, 0.2807,
0.2924

■ 60.5581, 0.2702,
0.2795

■ 63.9019, 0.2670,
0.2794

Harmonies

Analogous

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



35.2439, 0.4135, 0.3733



35.2439, 0.3940, 0.4064



35.2439, 0.3531, 0.4210

Triad

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



35.2439, 0.3940, 0.4064



35.2439, 0.2291, 0.3136



35.2439, 0.3159, 0.2657

Complementary

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



35.2439, 0.3940, 0.4064



21.6509, 0.2368, 0.2360

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.



35.2439, 0.2679, 0.2499



35.2439, 0.3940, 0.4064



35.2439, 0.2210, 0.2732

Square

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



35.2439, 0.3940, 0.4064



35.2439, 0.2582, 0.3644



35.2439, 0.2345, 0.2517



35.2439, 0.3668, 0.2954

Rectangle

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



35.2439, 0.3940, 0.4064



35.2439, 0.3200, 0.4147



35.2439, 0.2345, 0.2517



35.2439, 0.2988, 0.2587

Sweetspot

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



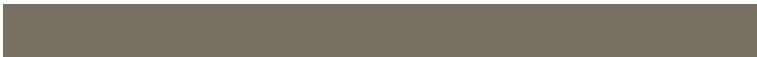
35.2456, 0.3940, 0.4064



78.8624, 0.3353, 0.3527



21.0679, 0.3903, 0.2900



16.7541, 0.3389, 0.3564



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.2456, 0.3940, 0.4064



59.8309, 0.4143, 0.4217



43.7733, 0.3656, 0.4434



9.9981, 0.3271, 0.3444



17.1288, 0.4898, 0.4493



0.7112, 0.4675, 0.4670

Inverse Universe

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



21.6509, 0.2368, 0.2360



32.1644, 0.2196, 0.2113



16.3969, 0.2417, 0.1948



9.1833, 0.2985, 0.3131



4.7125, 0.1634, 0.1080



0.2819, 0.1786, 0.1629

Previews

White Background



This preview shows how the Yxy color 35.2439, 0.3940, 0.4064 looks on a white background.

Color Contrast Check

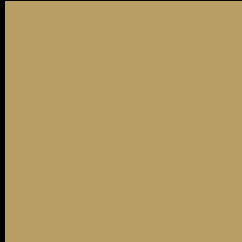
Large Text (above 18pt) WCAG AA × Fail

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 35.2439, 0.3940, 0.4064 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 35.2439, 0.3940, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 35.2439, 0.3940, 0.4064.



This preview shows how white text looks on a background with the Yxy color 35.2439, 0.3940, 0.4064.

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

35.2439, 0.3940, 0.4064

Protanopia

35.2149, 0.3818, 0.4118

Deuteranopia

35.0792, 0.4052, 0.3972



Tritanopia

35.3331, 0.3432, 0.3143

Trichromacy



Original Color

35.2439, 0.3940, 0.4064

Protanomaly

35.2206, 0.3855, 0.4096

Deuteranomaly

35.0177, 0.4013, 0.3994

Tritanomaly

35.3379, 0.3627, 0.3484

Monochromacy



Original Color

35.2439, 0.3940, 0.4064

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.6135, 0.3414, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2439, 0.3940, 0.4064 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(184, 157, 101)` looks like.

```
.text, #text, p{  
    color:rgb(184, 157, 101)  
}
```

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(184, 157, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 157, 101) }
```

Border

The CSS property to change the border of an element to Yxy 35.2439, 0.3940, 0.4064 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(184, 157, 101) }
```

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

```
.border{ border-color:rgb(184, 157, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 157, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 157, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 157, 101);  
box-shadow:4px 4px 4px 4px rgb(184, 157,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2439, 0.3940, 0.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 157, 101) }
```

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

```
.background{ background-color: rgb(184,  
157, 101) }
```

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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