

Converting Colors

$Yxy(36.5542, 0.4068, 0.4235)$

Have a look what the booklet for
Yxy(36.5542, 0.4068, 0.4235)
contains.

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Color

Yxy(36.5542, 0.4068, 0.4235)

Conversions

Conversions Part 1

Format	Color
Hex	BCA059
RGB	188, 160, 89
RGB Percent	74%, 63%, 35%
CMY	0.2627, 0.3725, 0.6511
CMYK	0.00, 0.15, 0.53, 0.26
HSL	43°, 43%, 54%
HSV	43°, 53%, 74%
XYZ	35.1127, 36.5542, 14.6476
YIQ	160.2780, 39.4790, -16.1450

Conversions

Conversions Part 2

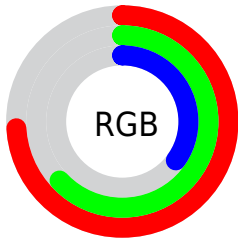
Format	Color
RYB	128, 188, 89
Decimal	12361817
CIELab	66.94, 1.26, 40.52
CIElCh	67, 40.543, 88.217
Yxy	36.5542, 0.4068, 0.4235
Android (android.graphics.Color)	4290551897 (0xFFBCA059)
YUV	160.2780, -35.1401, 24.3122
Hunter-Lab	60.4601, -2.1396, 27.9579

Details

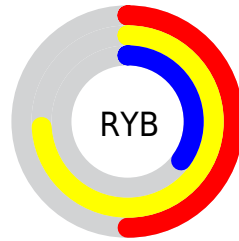
The Yxy color **36.5542, 0.4068, 0.4235** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.4672, 0.2218, 0.2095**, and the grayscale version is **35.4401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1168, 0.3892, 0.4066**, and **15.9960, 0.4311, 0.4487** is the 20% darker color. If you saturate the color by 10%, you get **34.4758, 0.4259, 0.4380**, and if you desaturate by 10%, it is **38.7955, 0.3873, 0.4066**.

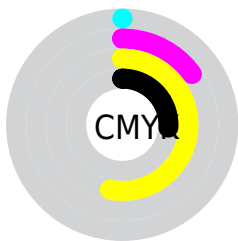
Distribution



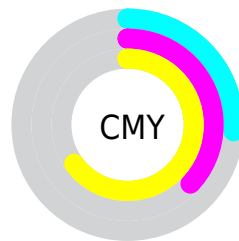
- Red (74%)
- Green (63%)
- Blue (35%)



- Red (50%)
- Yellow (74%)
- Blue (35%)



- Cyan (0%)
- Magenta (15%)
- Yellow (53%)
- Black (26%)




- Cyan (26%)
- Magenta (37%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.5542, 0.4068, 0.4235 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 36.5542, 0.4068, 0.4235 by changing the saturation by 10% instead.

 36.5542, 0.4068,
0.4235


 36.5542, 0.4068,
0.4235

331.3764, 0.3594,
0.3763

 24.8625, 0.4181,
0.4346


 69.8866, 0.3898,
0.4067

 15.9747, 0.4319,
0.4481


 92.2961, 0.3834,
0.4002

 9.5062, 0.4487,
0.4644


 119.0470, 0.3779,
0.3947

 5.0728, 0.4728,
0.4874

 150.5237, 0.3731,
0.3900

 2.2901, 0.4939,
0.5061

187.1106, 0.3690,
0.3859

 0.7684, 0.4976,
0.5024

229.1921, 0.3654,

 0.0000, 0.0000,

0.3823

0.0000

277.1526, 0.3623,
0.3791

■ 36.5542, 0.4068,
0.4235

■ 36.5542, 0.4068,
0.4235

■ 34.4758, 0.4259,
0.4380

■ 38.7955, 0.3873,
0.4066

■ 32.5478, 0.4437,
0.4492

■ 41.2012, 0.3681,
0.3885

■ 30.7638, 0.4594,
0.4560

■ 43.7788, 0.3497,
0.3698

■ 29.1143, 0.4721,
0.4580

■ 46.5342, 0.3325,
0.3514

■ 27.9792, 0.4800,
0.4571

■ 49.4725, 0.3167,
0.3336

■ 52.5988, 0.3023,
0.3168

■ 55.9179, 0.2894,
0.3011

■ 59.4343, 0.2778,
0.2865

■ 62.9466, 0.2692,
0.2763

Harmonies

Analogous

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



36.5542, 0.4339, 0.3835



36.5542, 0.4068, 0.4235



36.5542, 0.3556, 0.4414

Triad

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



36.5542, 0.4068, 0.4235



36.5542, 0.2112, 0.3048



36.5542, 0.3207, 0.2560

Complementary

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



36.5542, 0.4068, 0.4235



18.4672, 0.2218, 0.2095

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.



36.5542, 0.2624, 0.2360



36.5542, 0.4068, 0.4235



36.5542, 0.2041, 0.2583

Square

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



36.5542, 0.4068, 0.4235



36.5542, 0.2433, 0.3673



36.5542, 0.2217, 0.2357



36.5542, 0.3825, 0.2916

Rectangle

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



36.5542, 0.4068, 0.4235



36.5542, 0.3156, 0.4329



36.5542, 0.2217, 0.2357



36.5542, 0.3000, 0.2474

Sweetspot

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



36.5559, 0.4068, 0.4235



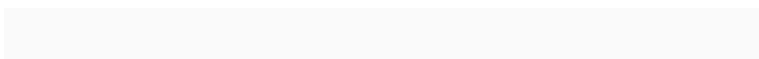
82.5050, 0.3385, 0.3579



19.1156, 0.4188, 0.2909



17.5210, 0.3420, 0.3617



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



36.5559, 0.4068, 0.4235



61.9904, 0.4284, 0.4398



44.8556, 0.3684, 0.4638



10.6522, 0.3271, 0.3454



19.1796, 0.4791, 0.4578



0.8570, 0.4617, 0.4716

Inverse Universe

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



18.4672, 0.2218, 0.2095



25.8823, 0.2021, 0.1787



14.1118, 0.2318, 0.1710



9.6529, 0.2984, 0.3121



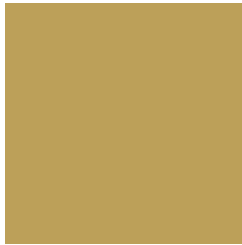
4.3258, 0.1605, 0.0977



0.2846, 0.1744, 0.1477

Previews

White Background



This preview shows how the Yxy color 36.5542, 0.4068, 0.4235 looks on a white background.

Color Contrast Check

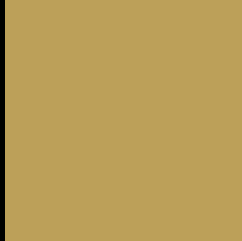
Large Text (above 18pt) WCAG AA × Fail

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 36.5542, 0.4068, 0.4235 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 36.5542, 0.4068, 0.4235

Background



This preview shows how black text looks on a background with the Yxy color 36.5542, 0.4068, 0.4235.



This preview shows how white text looks on a background with the Yxy color 36.5542, 0.4068, 0.4235.

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

36.5542, 0.4068, 0.4235

Protanopia

36.5163, 0.3945, 0.4296

Deuteranopia

36.3230, 0.4210, 0.4120



Tritanopia

36.3797, 0.3461, 0.3133

Trichromacy



Original Color

36.5542, 0.4068, 0.4235

Protanomaly

36.5239, 0.3983, 0.4271

Deuteranomaly

36.4542, 0.4154, 0.4159

Tritanomaly

36.0952, 0.3696, 0.3535

Monochromacy



Original Color

36.5542, 0.4068, 0.4235

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.4089, 0.3467, 0.3670

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5542, 0.4068, 0.4235 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(188, 160, 89)` looks like.

```
.text, #text, p{  
    color:rgb(188, 160, 89)  
}
```

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(188, 160, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 160, 89) }
```

Border

The CSS property to change the border of an element to Yxy 36.5542, 0.4068, 0.4235 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(188, 160, 89) }
```

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

```
.border{ border-color:rgb(188, 160, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 160, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 160, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 160, 89);  
box-shadow:4px 4px 4px 4px rgb(188, 160,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5542, 0.4068, 0.4235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 160, 89) }
```

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

```
.background{ background-color: rgb(188,  
160, 89) }
```

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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