

Converting Colors

$Yxy(36.6265, 0.3906, 0.4324)$

Have a look what the booklet for
Yxy(36.6265, 0.3906, 0.4324)
contains.

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Color

Yxy(36.5192, 0.3907, 0.4320)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B0A45A |
| RGB | 176, 164, 90 |
| RGB Percent | 69%, 64%, 35% |
| CMY | 0.3098, 0.3569, 0.6469 |
| CMYK | 0.00, 0.07, 0.49, 0.31 |
| HSL | 52°, 35%, 52% |
| HSV | 52°, 49%, 69% |
| XYZ | 33.0279, 36.5192, 14.9881 |
| YIQ | 159.1520, 30.9060, -20.4700 |

Conversions

Conversions Part 2

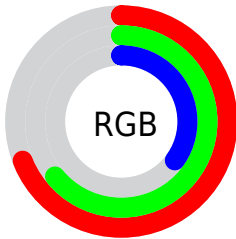
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 104, 176, 90 |
| Decimal | 11576410 |
| CIELab | 66.91, -5.87, 39.69 |
| CIELCh | 67, 40.122, 98.413 |
| Yxy | 36.5192, 0.3907, 0.4320 |
| Android (android.graphics.Color) | 4289766490 (0xFFB0A45A) |
| YUV | 159.1520, -34.0919, 14.7757 |
| Hunter-Lab | 60.4311, -8.1974, 27.5967 |

Details

The Yxy color **36.5192, 0.3907, 0.4320** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.8212, 0.2251, 0.1984**, and the grayscale version is **34.8951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9397, 0.3765, 0.4127**, and **15.8134, 0.4105, 0.4610** is the 20% darker color. If you saturate the color by 10%, you get **35.3843, 0.4059, 0.4498**, and if you desaturate by 10%, it is **37.7455, 0.3745, 0.4120**.

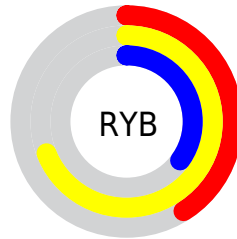
Distribution



Red (69%)

Green (64%)

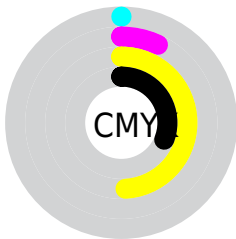
Blue (35%)



Red (41%)

Yellow (69%)

Blue (35%)

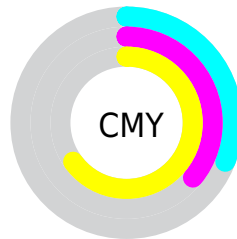


Cyan (0%)

Magenta (7%)

Yellow (49%)

Black (31%)



Cyan (31%)


Magenta (36%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5192, 0.3907, 0.4320 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 36.5192, 0.3907, 0.4320 by changing the saturation by 10% instead.


 36.5192, 0.3907,
0.4320


 36.5192, 0.3907,
0.4320


331.2242, 0.3519,
0.3792


 24.8354, 0.3997,
0.4450


 69.8327, 0.3770,
0.4128

 15.9545, 0.4106,
0.4613

 92.2312, 0.3717,
0.4055

 9.4920, 0.4235,
0.4819


 118.9701, 0.3671,
0.3994

 5.0634, 0.4412,
0.5114

 150.4338, 0.3632,
0.3942

 2.2845, 0.4557,
0.5443

187.0067, 0.3599,
0.3896

 0.7655, 0.4329,
0.5671

229.0731, 0.3569,

 0.0000, 0.0000,

0.3857

0.0000

277.0175, 0.3543,
0.3822

■ 36.5192, 0.3907,
0.4320

■ 36.5192, 0.3907,
0.4320

■ 35.3843, 0.4059,
0.4498

■ 37.7455, 0.3745,
0.4120

■ 34.3305, 0.4194,
0.4644

■ 39.0628, 0.3580,
0.3907

■ 33.3536, 0.4307,
0.4751

■ 40.4770, 0.3416,
0.3689

■ 32.4468, 0.4393,
0.4814

■ 41.9922, 0.3259,
0.3474

■ 31.5977, 0.4455,
0.4837

■ 43.6121, 0.3111,
0.3267

■ 31.5016, 0.4462,
0.4839

■ 45.3402, 0.2972,
0.3070

■ 47.1798, 0.2846,
0.2886

■ 49.1341, 0.2730,
0.2716

■ 51.2061, 0.2625,
0.2560

Harmonies

Analogous

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



36.5192, 0.4271, 0.3980



36.5192, 0.3907, 0.4320



36.5192, 0.3353, 0.4382

Triad

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



36.5192, 0.3907, 0.4320



36.5192, 0.2069, 0.2870



36.5192, 0.3421, 0.2672

Complementary

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



36.5192, 0.3907, 0.4320



14.8212, 0.2251, 0.1984

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.



36.5192, 0.2810, 0.2415



36.5192, 0.3907, 0.4320



36.5192, 0.2083, 0.2487

Square

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



36.5192, 0.3907, 0.4320



36.5192, 0.2305, 0.3453



36.5192, 0.2338, 0.2343



36.5192, 0.3994, 0.3064

Rectangle

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



36.5192, 0.3907, 0.4320



36.5192, 0.2955, 0.4204



36.5192, 0.2338, 0.2343



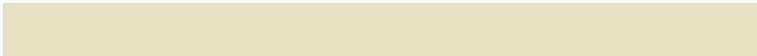
36.5192, 0.3211, 0.2569

Sweetspot

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



36.5209, 0.3907, 0.4320



74.3680, 0.3359, 0.3611



17.5270, 0.4252, 0.3104



15.9964, 0.3392, 0.3656



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.5209, 0.3907, 0.4320



63.9346, 0.4076, 0.4517



37.8960, 0.3538, 0.4590



9.7003, 0.3267, 0.3484



23.1750, 0.4458, 0.4842



0.7846, 0.4374, 0.4909

Inverse Universe

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



14.8212, 0.2251, 0.1984



19.8815, 0.2034, 0.1634



14.4549, 0.2515, 0.1888



8.4153, 0.2985, 0.3088



2.8499, 0.1535, 0.0726



0.1497, 0.1645, 0.1121

Previews

White Background



This preview shows how the Yxy color 36.5192, 0.3907, 0.4320 looks on a white background.

Color Contrast Check

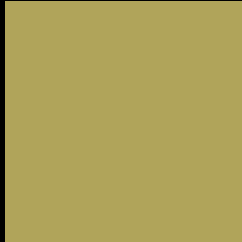
Large Text (above 18pt) WCAG AA × Fail

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 36.5192, 0.3907, 0.4320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

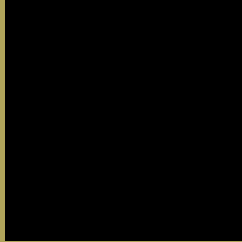
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.5192, 0.3907, 0.4320

Background



This preview shows how black text looks on a background with the Yxy color 36.5192, 0.3907, 0.4320.



This preview shows how white text looks on a background with the Yxy color 36.5192, 0.3907, 0.4320.

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

36.5192, 0.3907, 0.4320

Protanopia

36.5163, 0.3945, 0.4296

Deuteranopia

36.3575, 0.4192, 0.4097



Tritanopia

36.4231, 0.3303, 0.3128

Trichromacy



Original Color

36.5192, 0.3907, 0.4320

Protanomaly

36.3975, 0.3934, 0.4300

Deuteranomaly

36.2854, 0.4096, 0.4175

Tritanomaly

36.1416, 0.3538, 0.3558

Monochromacy



Original Color

36.5192, 0.3907, 0.4320

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.2103, 0.3413, 0.3690

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5192, 0.3907, 0.4320 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(176, 164, 90)` looks like.

```
.text, #text, p{  
    color:rgb(176, 164, 90)  
}
```

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(176, 164, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 164, 90) }
```

Border

The CSS property to change the border of an element to Yxy 36.5192, 0.3907, 0.4320 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(176, 164, 90) }
```

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

```
.border{ border-color:rgb(176, 164, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 164, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 164, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 164, 90);  
box-shadow:4px 4px 4px 4px rgb(176, 164,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5192, 0.3907, 0.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 164, 90) }
```

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

```
.background{ background-color: rgb(176,  
164, 90) }
```

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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