

Converting Colors

$Yxy(41.4253, 0.3962, 0.4393)$

Have a look what the booklet for
Yxy(41.4253, 0.3962, 0.4393)
contains.

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Color

Yxy(41.5582, 0.3962, 0.4398)

Conversions

Conversions Part 1

Format	Color
Hex	BBAE59
RGB	187, 174, 89
RGB Percent	73%, 68%, 35%
CMY	0.2665, 0.3177, 0.6510
CMYK	0.00, 0.07, 0.52, 0.27
HSL	52°, 42%, 54%
HSV	52°, 52%, 73%
XYZ	37.4383, 41.5582, 15.4969
YIQ	168.1970, 35.0330, -23.6790

Conversions

Conversions Part 2

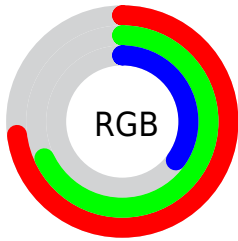
Format	Color
RYB	104, 187, 89
Decimal	12299865
CIELab	70.57, -6.61, 44.83
CIELCh	71, 45.313, 98.385
Yxy	41.5582, 0.3962, 0.4398
Android (android.graphics.Color)	4290489945 (0xFFBBAE59)
YUV	168.1970, -39.0441, 16.4902
Hunter-Lab	64.4656, -9.1514, 30.8732

Details

The Yxy color **41.5582, 0.3962, 0.4398** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15.2209, 0.2174, 0.1854**, and the grayscale version is **39.4448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3742, 0.3825, 0.4199**, and **18.9711, 0.4158, 0.4684** is the 20% darker color. If you saturate the color by 10%, you get **40.3328, 0.4107, 0.4567**, and if you desaturate by 10%, it is **42.8851, 0.3804, 0.4203**.

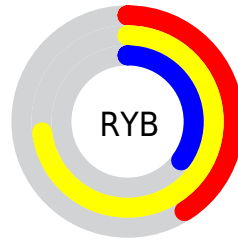
Distribution



Red (73%)

Green (68%)

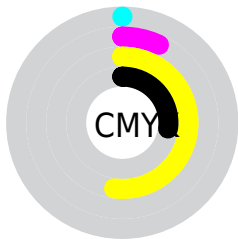
Blue (35%)



Red (41%)

Yellow (73%)

Blue (35%)

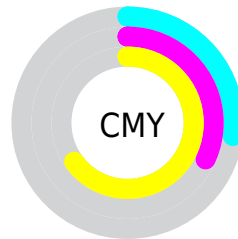


Cyan (0%)

Magenta (7%)

Yellow (52%)

Black (27%)



Cyan (27%)


Magenta (32%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5582, 0.3962, 0.4398 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 41.5582, 0.3962, 0.4398 by changing the saturation by 10% instead.


 41.5582, 0.3962,
0.4398

 41.5582, 0.3962,
0.4398


352.6482, 0.3560,
0.3845


 28.7555, 0.4051,
0.4529


 77.5305, 0.3823,
0.4201


 18.8959, 0.4156,
0.4689


 101.4690, 0.3768,
0.4125

 11.5951, 0.4276,
0.4885


 129.8881, 0.3721,
0.4061

 6.4686, 0.4420,
0.5142

 163.1724, 0.3680,
0.4005

 3.1321, 0.4553,
0.5447

201.7061, 0.3644,
0.3957

 1.2011, 0.4430,
0.5570

245.8737, 0.3613,

 0.0626, 0.0000,

0.3915

1.0000

296.0596, 0.3585,
0.3878

0.0000, 0.0000,
0.0000

41.5582, 0.3962,
0.4398

41.5582, 0.3962,
0.4398

40.3328, 0.4107,
0.4567

42.8851, 0.3804,
0.4203

39.1967, 0.4233,
0.4700

44.3134, 0.3640,
0.3992

38.1449, 0.4334,
0.4790

45.8499, 0.3475,
0.3772

37.1686, 0.4407,
0.4837

47.4996, 0.3315,
0.3553

36.4664, 0.4449,
0.4850

49.2668, 0.3163,
0.3340

■ 51.1556, 0.3020,
0.3137

■ 53.1700, 0.2889,
0.2946

■ 55.3137, 0.2768,
0.2769

■ 57.4399, 0.2673,
0.2630

Harmonies

Analogous

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



41.5582, 0.4359, 0.4022



41.5582, 0.3962, 0.4398



41.5582, 0.3364, 0.4478

Triad

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



41.5582, 0.3962, 0.4398



41.5582, 0.1993, 0.2831



41.5582, 0.3442, 0.2627

Complementary

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



41.5582, 0.3962, 0.4398



15.2209, 0.2174, 0.1854

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.



41.5582, 0.2783, 0.2354



41.5582, 0.3962, 0.4398



41.5582, 0.2009, 0.2425

Square

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



41.5582, 0.3962, 0.4398



41.5582, 0.2242, 0.3463



41.5582, 0.2279, 0.2275



41.5582, 0.4065, 0.3043

Rectangle

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



41.5582, 0.3962, 0.4398



41.5582, 0.2937, 0.4288



41.5582, 0.2279, 0.2275



41.5582, 0.3214, 0.2517

Sweetspot

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



41.5601, 0.3962, 0.4398



83.8806, 0.3376, 0.3637



18.6726, 0.4417, 0.3115



18.3374, 0.3409, 0.3682



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.



41.5601, 0.3962, 0.4398



71.8722, 0.4129, 0.4590



42.8628, 0.3547, 0.4698



10.8982, 0.3267, 0.3487



25.1922, 0.4445, 0.4853



1.0477, 0.4376, 0.4907

Inverse Universe

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



15.2209, 0.2174, 0.1854



19.7173, 0.1953, 0.1492



15.0878, 0.2472, 0.1777



9.4245, 0.2984, 0.3085



3.0093, 0.1532, 0.0715



0.1852, 0.1626, 0.1052

Previews

White Background



This preview shows how the Yxy color 41.5582, 0.3962, 0.4398 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 41.5582, 0.3962, 0.4398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

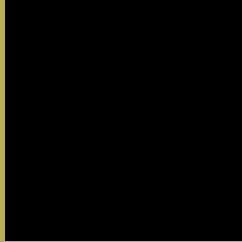
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5582, 0.3962, 0.4398

Background



This preview shows how black text looks on a background with the Yxy color 41.5582, 0.3962, 0.4398.



This preview shows how white text looks on a background with the Yxy color 41.5582, 0.3962, 0.4398.

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

41.5582, 0.3962, 0.4398

Protanopia

41.6848, 0.4008, 0.4369

Deuteranopia

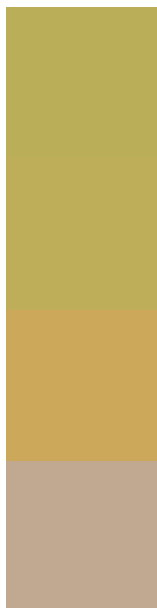
41.3033, 0.4263, 0.4161



Tritanopia

41.4610, 0.3314, 0.3124

Trichromacy



Original Color

41.5582, 0.3962, 0.4398

Protanomaly

41.5556, 0.3998, 0.4374

Deuteranomaly

41.4400, 0.4153, 0.4252

Tritanomaly

41.3871, 0.3571, 0.3596

Monochromacy



Original Color

41.5582, 0.3962, 0.4398

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.7275, 0.3444, 0.3727

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5582, 0.3962, 0.4398 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(187, 174, 89)` looks like.

```
.text, #text, p{  
    color:rgb(187, 174, 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(187, 174, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 174, 89) }
```

Border

The CSS property to change the border of an element to Yxy 41.5582, 0.3962, 0.4398 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(187, 174, 89) }
```

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

```
.border{ border-color:rgb(187, 174, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 174, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 174, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 174, 89);  
box-shadow:4px 4px 4px 4px rgb(187, 174,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5582, 0.3962, 0.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 174, 89) }
```

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

```
.background{ background-color: rgb(187,  
174, 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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