

Converting Colors

$Y_{xy}(40.1294, 0.4043, 0.4479)$

Have a look what the booklet for
Yxy(40.1294, 0.4043, 0.4479)
contains.

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Color

Yxy(40.1294, 0.4043, 0.4479)

Conversions

Conversions Part 1

Format	Color
Hex	BAAB4F
RGB	186, 171, 79
RGB Percent	73%, 67%, 31%
CMY	0.2706, 0.3294, 0.6900
CMYK	0.00, 0.08, 0.57, 0.27
HSL	52°, 44%, 52%
HSV	52°, 57%, 73%
XYZ	36.2231, 40.1294, 13.2421
YIQ	164.9970, 38.4720, -25.4320

Conversions

Conversions Part 2

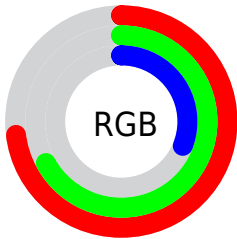
Format	Color
R_{YB}	96, 186, 79
Decimal	12233551
CIE Lab	69.56, -6.29, 48.43
CIE LCh	70, 48.837, 97.401
Yxy	40.1294, 0.4043, 0.4479
Android (android.graphics.Color)	4290423631 (0xFFBAAB4F)
YUV	164.9970, -42.3965, 18.4196
Hunter-Lab	63.3478, -8.7900, 31.9496

Details

The Yxy color **40.1294, 0.4043, 0.4479** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **13.2192, 0.2078, 0.1706**, and the grayscale version is **37.8211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2645, 0.3892, 0.4270**, and **18.0186, 0.4245, 0.4781** is the 20% darker color. If you saturate the color by 10%, you get **38.9224, 0.4181, 0.4630**, and if you desaturate by 10%, it is **41.4353, 0.3889, 0.4297**.

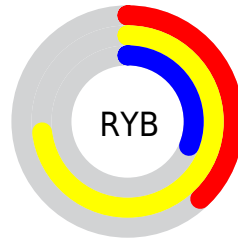
Distribution



Red (73%)

Green (67%)

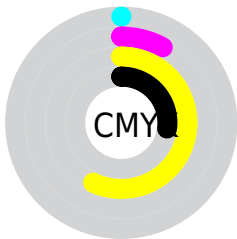
Blue (31%)



Red (38%)

Yellow (73%)

Blue (31%)

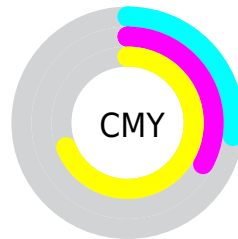


Cyan (0%)

Magenta (8%)

Yellow (57%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1294, 0.4043, 0.4479 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 40.1294, 0.4043, 0.4479 by changing the saturation by 10% instead.


 40.1294, 0.4043,
0.4479

 40.1294, 0.4043,
0.4479


346.6687, 0.3604,
0.3888

 27.6395, 0.4138,
0.4616


 75.3605, 0.3892,
0.4270


 18.0540, 0.4247,
0.4781


 98.8705, 0.3833,
0.4189

 10.9888, 0.4368,
0.4977


 126.8226, 0.3781,
0.4120

 6.0593, 0.4558,
0.5287

 159.6012, 0.3736,
0.4061

 2.8812, 0.4560,
0.5440

 197.5907, 0.3697,
0.4009

 1.0700, 0.4435,
0.5565

241.1755, 0.3662,

 0.0000, 0.0000,

0.3963

0.0000

290.7400, 0.3631,
0.3923

■ 40.1294, 0.4043,
0.4479

■ 40.1294, 0.4043,
0.4479

■ 38.9224, 0.4181,
0.4630

■ 41.4353, 0.3889,
0.4297

■ 37.8021, 0.4297,
0.4741

■ 42.8405, 0.3726,
0.4094

■ 36.7626, 0.4387,
0.4809

■ 44.3519, 0.3559,
0.3879

■ 35.7928, 0.4449,
0.4834

■ 45.9746, 0.3396,
0.3661

■ 35.5562, 0.4464,
0.4838

■ 47.7129, 0.3239,
0.3446

■ 49.5713, 0.3091,
0.3239

■ 51.5536, 0.2954,
0.3044

■ 53.6637, 0.2828,
0.2861

■ 55.9051, 0.2714,
0.2693

Harmonies

Analogous

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



40.1294, 0.4470, 0.4053



40.1294, 0.4043, 0.4479



40.1294, 0.3398, 0.4598

Triad

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



40.1294, 0.4043, 0.4479



40.1294, 0.1909, 0.2803



40.1294, 0.3442, 0.2562

Complementary

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



40.1294, 0.4043, 0.4479



13.2192, 0.2078, 0.1706

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.



40.1294, 0.2729, 0.2277



40.1294, 0.4043, 0.4479



40.1294, 0.1918, 0.2361

Square

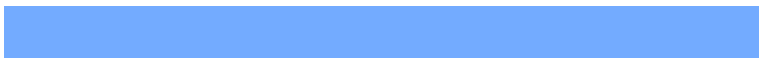
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.1294, 0.4043, 0.4479



40.1294, 0.2181, 0.3500



40.1294, 0.2197, 0.2197



40.1294, 0.4131, 0.3002

Rectangle

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



40.1294, 0.4043, 0.4479



40.1294, 0.2936, 0.4404



40.1294, 0.2197, 0.2197



40.1294, 0.3194, 0.2447

Sweetspot

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



40.1313, 0.4043, 0.4479



83.4099, 0.3392, 0.3656



16.8641, 0.4587, 0.3080



18.2338, 0.3425, 0.3700



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.



40.1313, 0.4043, 0.4479



70.0074, 0.4214, 0.4663



42.0261, 0.3588, 0.4821



10.2830, 0.3267, 0.3485



24.0069, 0.4460, 0.4841



0.9058, 0.4381, 0.4903

Inverse Universe

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



13.2192, 0.2078, 0.1706



16.7574, 0.1851, 0.1326



12.8890, 0.2373, 0.1616



8.9170, 0.2984, 0.3087



2.9509, 0.1535, 0.0725



0.1694, 0.1638, 0.1097

Previews

White Background



This preview shows how the Yxy color 40.1294, 0.4043, 0.4479 looks on a white background.

Color Contrast Check

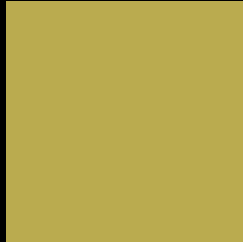
Large Text (above 18pt) WCAG AA × Fail

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 40.1294, 0.4043, 0.4479 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 40.1294, 0.4043, 0.4479

Background



This preview shows how black text looks on a background with the Yxy color 40.1294, 0.4043, 0.4479.



This preview shows how white text looks on a background with the Yxy color 40.1294, 0.4043, 0.4479.

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

40.1294, 0.4043, 0.4479

Protanopia

40.0053, 0.4071, 0.4459

Deuteranopia

40.1364, 0.4337, 0.4248



Tritanopia

40.1090, 0.3345, 0.3135

Trichromacy



Original Color

40.1294, 0.4043, 0.4479

Protanomaly

39.8788, 0.4061, 0.4464

Deuteranomaly

39.9070, 0.4232, 0.4331

Tritanomaly

39.9808, 0.3627, 0.3639

Monochromacy



Original Color

40.1294, 0.4043, 0.4479

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.2429, 0.3477, 0.3761

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1294, 0.4043, 0.4479 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(186, 171, 79)` looks like.

```
.text, #text, p{  
    color:rgb(186, 171, 79)  
}
```

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(186, 171, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 171, 79) }
```

Border

The CSS property to change the border of an element to Yxy 40.1294, 0.4043, 0.4479 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(186, 171, 79) }
```

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

```
.border{ border-color:rgb(186, 171, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 171, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 171, 79); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 171, 79); box-shadow:4px 4px 4px 4px rgb(186, 171, 79) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1294, 0.4043, 0.4479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 171, 79) }
```

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

```
.background{ background-color: rgb(186,  
171, 79) }
```

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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