

Converting Colors

Yxy(33.2714, 0.4047, 0.4394)

Have a look what the booklet for
Yxy(33.2714, 0.4047, 0.4394)
contains.

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Color

Yxy(33.3114, 0.4046, 0.4393)

Conversions

Conversions Part 1

Format	Color
Hex	AE9C4D
RGB	174, 156, 77
RGB Percent	68%, 61%, 30%
CMY	0.3177, 0.3882, 0.6980
CMYK	0.00, 0.10, 0.56, 0.32
HSL	49°, 39%, 49%
HSV	49°, 56%, 68%
XYZ	30.6802, 33.3114, 11.8368
YIQ	152.3760, 36.0870, -20.7530

Conversions

Conversions Part 2

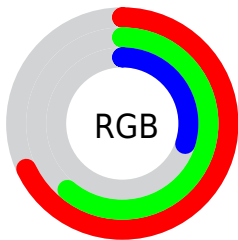
Format	Color
RYB	99, 174, 77
Decimal	11443277
CIELab	64.41, -3.62, 43.19
CIELCh	64, 43.340, 94.789
Yxy	33.3114, 0.4046, 0.4393
Android (android.graphics.Color)	4289633357 (0xFFAE9C4D)
YUV	152.3760, -37.1604, 18.9642
Hunter-Lab	57.7160, -6.1177, 28.2416

Details

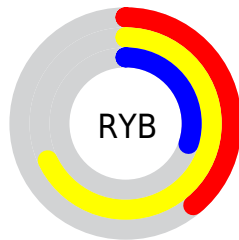
The Yxy color **33.3114, 0.4046, 0.4393** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.8148, 0.2133, 0.1848**, and the grayscale version is **31.7230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6406, 0.3882, 0.4190**, and **14.1042, 0.4280, 0.4695** is the 20% darker color. If you saturate the color by 10%, you get **32.0315, 0.4201, 0.4544**, and if you desaturate by 10%, it is **34.6889, 0.3879, 0.4214**.

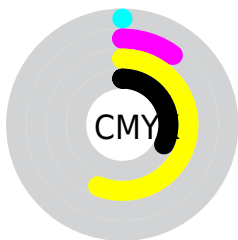
Distribution



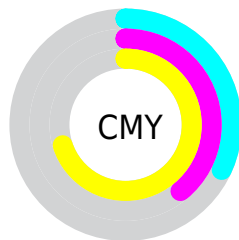
- Red (68%)
- Green (61%)
- Blue (30%)



- Red (39%)
- Yellow (68%)
- Blue (30%)



- Cyan (0%)
- Magenta (10%)
- Yellow (56%)
- Black (32%)





- Cyan (32%)
- Magenta (39%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3114, 0.4046, 0.4393 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 33.3114, 0.4046, 0.4393 by changing the saturation by 10% instead.

 33.3114, 0.4046,
0.4393


 33.3114, 0.4046,
0.4393


317.0506, 0.3585,
0.3828

 22.3651, 0.4152,
0.4529


 64.8614, 0.3883,
0.4189


 14.1254, 0.4279,
0.4695

 86.2339, 0.3820,
0.4112

 8.2079, 0.4425,
0.4896


 111.8506, 0.3766,
0.4046

 4.2283, 0.4716,
0.5284

 142.0958, 0.3719,
0.3990

 1.8021, 0.4664,
0.5336

 177.3541, 0.3679,
0.3941

 0.4885, 0.4349,
0.5651

218.0097, 0.3644,

 0.0000, 0.0000,

0.3899

0.0000

264.4471, 0.3613,
0.3861

■ 33.3114, 0.4046,
0.4393

■ 33.3114, 0.4046,
0.4393

■ 32.0315, 0.4201,
0.4544

■ 34.6889, 0.3879,
0.4214

■ 30.8389, 0.4337,
0.4659

■ 36.1642, 0.3706,
0.4017

■ 29.7286, 0.4447,
0.4729

■ 37.7436, 0.3535,
0.3811

■ 28.6927, 0.4530,
0.4756

■ 39.4311, 0.3369,
0.3604

■ 28.2653, 0.4561,
0.4760

■ 41.2307, 0.3212,
0.3402

■ 43.1461, 0.3066,
0.3209

■ 45.1807, 0.2932,
0.3027

■ 47.3379, 0.2810,
0.2857

■ 49.6208, 0.2700,
0.2701

Harmonies

Analogous

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



33.3114, 0.4421, 0.3981



33.3114, 0.4046, 0.4393



33.3114, 0.3447, 0.4528

Triad

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



33.3114, 0.4046, 0.4393



33.3114, 0.1980, 0.2883



33.3114, 0.3366, 0.2567

Complementary

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



33.3114, 0.4046, 0.4393



12.8148, 0.2133, 0.1848

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.



33.3114, 0.2699, 0.2310



33.3114, 0.4046, 0.4393



33.3114, 0.1965, 0.2436

Square

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



33.3114, 0.4046, 0.4393



33.3114, 0.2266, 0.3554



33.3114, 0.2210, 0.2254



33.3114, 0.4026, 0.2978

Rectangle

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



33.3114, 0.4046, 0.4393



33.3114, 0.3007, 0.4371



33.3114, 0.2210, 0.2254



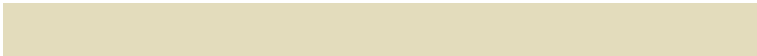
33.3114, 0.3132, 0.2461

Sweetspot

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



33.3130, 0.4046, 0.4393



71.0518, 0.3395, 0.3637



15.1583, 0.4419, 0.3013



15.6567, 0.3427, 0.3677



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.



33.3130, 0.4046, 0.4393



57.5736, 0.4236, 0.4576



36.8087, 0.3626, 0.4744



9.0741, 0.3267, 0.3473



20.5874, 0.4557, 0.4764



0.6372, 0.4429, 0.4865

Inverse Universe

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



12.8148, 0.2133, 0.1848



16.7486, 0.1911, 0.1481



11.4360, 0.2353, 0.1656



7.9884, 0.2986, 0.3100



3.0411, 0.1554, 0.0794



0.1540, 0.1695, 0.1303

Previews

White Background



This preview shows how the Yxy color 33.3114, 0.4046, 0.4393 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 33.3114, 0.4046, 0.4393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

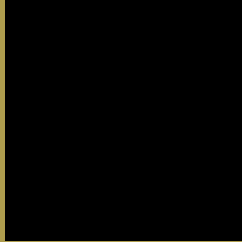
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3114, 0.4046, 0.4393

Background



This preview shows how black text looks on a background with the Yxy color 33.3114, 0.4046, 0.4393.



This preview shows how white text looks on a background with the Yxy color 33.3114, 0.4046, 0.4393.

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

33.3114, 0.4046, 0.4393

Protanopia

33.1970, 0.4036, 0.4398

Deuteranopia

33.2659, 0.4280, 0.4201



Tritanopia

33.1598, 0.3374, 0.3137

Trichromacy



Original Color

33.3114, 0.4046, 0.4393

Protanomaly

33.1970, 0.4036, 0.4398

Deuteranomaly

33.3208, 0.4189, 0.4280

Tritanomaly

32.8626, 0.3633, 0.3593

Monochromacy



Original Color

33.3114, 0.4046, 0.4393

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.7367, 0.3469, 0.3721

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3114, 0.4046, 0.4393 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(174, 156, 77)` looks like.

```
.text, #text, p{  
    color:rgb(174, 156, 77)  
}
```

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(174, 156, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 156, 77) }
```

Border

The CSS property to change the border of an element to Yxy 33.3114, 0.4046, 0.4393 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(174, 156, 77) }
```

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

```
.border{ border-color:rgb(174, 156, 77) }
```

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

Here you see how a box with a 4 pixel rgb(174, 156, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 156, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 156, 77);  
box-shadow:4px 4px 4px 4px rgb(174, 156,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3114, 0.4046, 0.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 156, 77) }
```

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

```
.background{ background-color: rgb(174,  
156, 77) }
```

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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