

Converting Colors

Yxy(41.5415, 0.3209, 0.3410)

Have a look what the booklet for
Yxy(41.5415, 0.3209, 0.3410)
contains.

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Color

Yxy(41.5661, 0.3211, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	AEADA4
RGB	174, 173, 164
RGB Percent	68%, 68%, 64%
CMY	0.3178, 0.3215, 0.3568
CMYK	0.00, 0.01, 0.06, 0.32
HSL	54°, 6%, 66%
HSV	54°, 6%, 68%
XYZ	39.0945, 41.5661, 41.0913
YIQ	172.2730, 3.4850, -2.5870

Conversions

Conversions Part 2

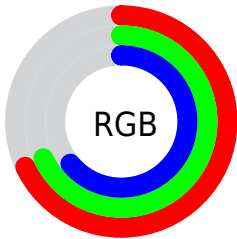
Format	Color
R _Y B	165, 174, 164
Decimal	11447716
CIE Lab	70.57, -1.30, 4.73
CIE LCh	71, 4.906, 105.417
Yxy	41.5661, 0.3211, 0.3414
Android (android.graphics.Color)	4289637796 (0xFFAEADA4)
YUV	172.2730, -4.0786, 1.5146
Hunter-Lab	64.4718, -4.5864, 7.3416

Details

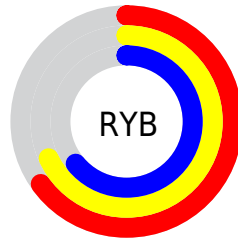
The Yxy color **41.5661, 0.3211, 0.3414** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8456, 0.3042, 0.3163**, and the grayscale version is **41.4188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2593, 0.3192, 0.3386**, and **18.9822, 0.3244, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **40.3500, 0.3364, 0.3637**, and if you desaturate by 10%, it is **42.8797, 0.3066, 0.3199**.

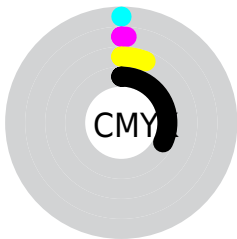
Distribution



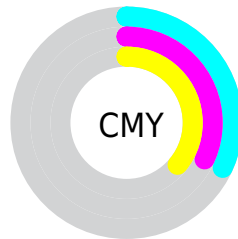
- Red (68%)
- Green (68%)
- Blue (64%)



- Red (65%)
- Yellow (68%)
- Blue (64%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (32%)




- Cyan (32%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5661, 0.3211, 0.3414 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 41.5661, 0.3211, 0.3414 by changing the saturation by 10% instead.


 41.5661, 0.3211,
0.3414

 41.5661, 0.3211,
0.3414


352.6811, 0.3168,
0.3351

 28.7617, 0.3222,
0.3430


 77.5425, 0.3195,
0.3391

 18.9006, 0.3236,
0.3452


 101.4833, 0.3190,
0.3382

 11.5985, 0.3255,
0.3480


129.9050, 0.3185,
0.3375

 6.4709, 0.3282,
0.3522

163.1920, 0.3180,
0.3368

 3.1335, 0.3324,
0.3586

201.7287, 0.3177,
0.3363

 1.2018, 0.3397,
0.3699

245.8996, 0.3174,

 0.0632, 0.3087,

0.3358

0.6913

296.0889, 0.3171,
0.3354

0.0000, 0.0000,
0.0000

41.5661, 0.3211,
0.3414

41.5661, 0.3211,
0.3414

40.3500, 0.3364,
0.3637

42.8797, 0.3066,
0.3199

39.2224, 0.3522,
0.3864

44.2887, 0.2931,
0.2997

38.1814, 0.3681,
0.4088

45.7980, 0.2807,
0.2808

37.2231, 0.3835,
0.4301

47.4105, 0.2693,
0.2633

36.3431, 0.3980,
0.4493

49.1291, 0.2590,
0.2474

■ 35.5365, 0.4109,
0.4656

■ 50.0638, 0.2570,
0.2454

■ 34.7980, 0.4215,
0.4780

■ 50.7512, 0.2572,
0.2474

■ 34.1213, 0.4296,
0.4862

■ 51.4468, 0.2575,
0.2494

■ 33.4985, 0.4350,
0.4902

■ 52.1504, 0.2577,
0.2514

Harmonies

Analogous

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



41.5661, 0.3256, 0.3392



41.5661, 0.3211, 0.3414



41.5661, 0.3144, 0.3402

Triad

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



41.5661, 0.3211, 0.3414



41.5661, 0.2990, 0.3235



41.5661, 0.3181, 0.3222

Complementary

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



41.5661, 0.3211, 0.3414



37.8456, 0.3042, 0.3163

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.



41.5661, 0.3109, 0.3181



41.5661, 0.3211, 0.3414



41.5661, 0.3000, 0.3188

Square

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



41.5661, 0.3211, 0.3414



41.5661, 0.3017, 0.3298



41.5661, 0.3043, 0.3168



41.5661, 0.3239, 0.3281

Rectangle

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



41.5661, 0.3211, 0.3414



41.5661, 0.3096, 0.3377



41.5661, 0.3043, 0.3168



41.5661, 0.3158, 0.3206

Sweetspot

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



41.5679, 0.3211, 0.3414



76.2934, 0.3157, 0.3334



38.2678, 0.3212, 0.3276



16.9628, 0.3155, 0.3331



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.



41.5679, 0.3211, 0.3414



75.1159, 0.3232, 0.3445



41.4825, 0.3174, 0.3428



9.2494, 0.3237, 0.3452



24.1684, 0.4368, 0.4914



0.7093, 0.4309, 0.4961

Inverse Universe

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



37.8456, 0.3042, 0.3163



66.7775, 0.3020, 0.3130



37.9352, 0.3078, 0.3151



8.1782, 0.3015, 0.3123



2.5396, 0.1522, 0.0678



0.1091, 0.1607, 0.0986

Previews

White Background



This preview shows how the Yxy color 41.5661, 0.3211, 0.3414 looks on a white background.

Color Contrast Check

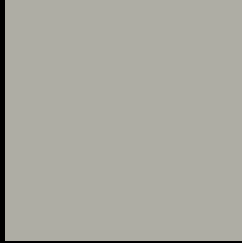
Large Text (above 18pt) WCAG AA × Fail

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 41.5661, 0.3211, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

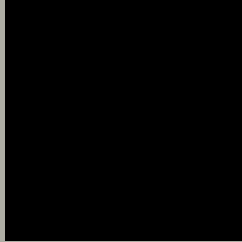
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

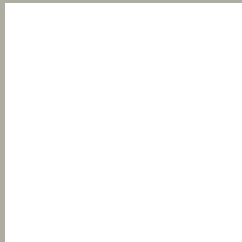
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5661, 0.3211, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 41.5661, 0.3211, 0.3414.



This preview shows how white text looks on a background with the Yxy color 41.5661, 0.3211, 0.3414.

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

41.5661, 0.3211, 0.3414

Protanopia

41.6144, 0.3258, 0.3413

Deuteranopia

41.5605, 0.3380, 0.3317



Tritanopia

41.5573, 0.3073, 0.3103

Trichromacy



Original Color

41.5661, 0.3211, 0.3414

Protanomaly

41.4965, 0.3249, 0.3413

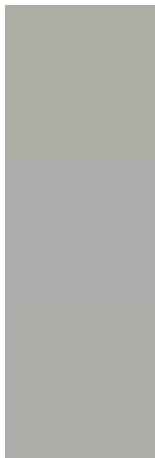
Deuteranomaly

41.4068, 0.3310, 0.3344

Tritanomaly

41.5303, 0.3122, 0.3209

Monochromacy



Original Color

41.5661, 0.3211, 0.3414

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2539, 0.3161, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5661, 0.3211, 0.3414 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, 173, 164)` looks like.

```
.text, #text, p{  
    color:rgb(174, 173, 164)  
}
```

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, 173, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 173, 164) }
```

Border

The CSS property to change the border of an element to Yxy 41.5661, 0.3211, 0.3414 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, 173, 164) }
```

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

```
.border{ border-color:rgb(174, 173, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 173, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 173, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 173, 164);  
box-shadow:4px 4px 4px 4px rgb(174, 173,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5661, 0.3211, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 173, 164) }
```

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

```
.background{ background-color: rgb(174,  
173, 164) }
```

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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