

Converting Colors

$Yxy(41.3038, 0.3220, 0.3515)$

Have a look what the booklet for
Yxy(41.3038, 0.3220, 0.3515)
contains.

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Color

Yxy(41.2868, 0.3224, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	AAAE9E
RGB	170, 174, 158
RGB Percent	67%, 68%, 62%
CMY	0.3335, 0.3176, 0.3803
CMYK	0.02, 0.00, 0.09, 0.32
HSL	75°, 9%, 65%
HSV	75°, 9%, 68%
XYZ	37.8795, 41.2868, 38.3260
YIQ	170.9800, 2.7520, -5.8240

Conversions

Conversions Part 2

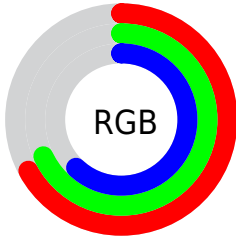
Format	Color
RYB	158, 174, 162
Decimal	11185822
CIELab	70.38, -4.36, 7.71
CIELCh	70, 8.859, 119.478
Yxy	41.2868, 0.3224, 0.3514
Android (android.graphics.Color)	4289375902 (0xFFAAAE9E)
YUV	170.9800, -6.3991, -0.8595
Hunter-Lab	64.2548, -7.2165, 9.6137

Details

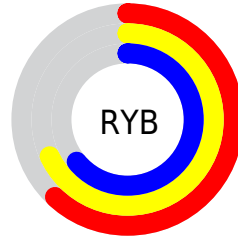
The Yxy color **41.2868, 0.3224, 0.3514** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2035, 0.3025, 0.3061**, and the grayscale version is **40.7443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8503, 0.3202, 0.3462**, and **18.8322, 0.3250, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **40.2480, 0.3330, 0.3771**, and if you desaturate by 10%, it is **42.4306, 0.3119, 0.3271**.

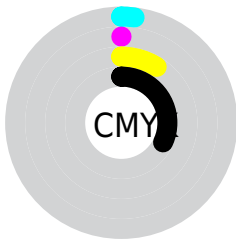
Distribution



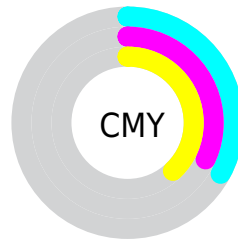
- Red (67%)
- Green (68%)
- Blue (62%)



- Red (62%)
- Yellow (68%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (32%)





- Cyan (33%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2868, 0.3224, 0.3514 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 41.2868, 0.3224, 0.3514 by changing the saturation by 10% instead.

 41.2868, 0.3224,
0.3514


 41.2868, 0.3224,
0.3514


351.5179, 0.3175,
0.3399

 28.5433, 0.3236,
0.3544


 77.1191, 0.3206,
0.3471

 18.7356, 0.3252,
0.3583


 100.9766, 0.3199,
0.3455

 11.4794, 0.3274,
0.3636


129.3076, 0.3194,
0.3442

 6.3902, 0.3304,
0.3714

162.4964, 0.3189,
0.3431

 3.0838, 0.3349,
0.3834

200.9274, 0.3185,
0.3421

 1.1756, 0.3449,
0.4081

244.9851, 0.3181,

 0.0417, 0.0000,

0.3413

1.0000

295.0538, 0.3178,
0.3405

0.0000, 0.0000,
0.0000

41.2868, 0.3224,
0.3514

41.2868, 0.3224,
0.3514

40.2480, 0.3330,
0.3771

42.4306, 0.3119,
0.3271

39.3050, 0.3435,
0.4036

43.6774, 0.3017,
0.3045

38.4557, 0.3534,
0.4302

45.0323, 0.2921,
0.2836

37.6958, 0.3621,
0.4561

46.4986, 0.2830,
0.2646

37.0207, 0.3693,
0.4802

48.0792, 0.2746,
0.2474

■ 36.4252, 0.3744,
0.5012

■ 49.2896, 0.2715,
0.2387

■ 35.9036, 0.3772,
0.5183

■ 49.8913, 0.2747,
0.2395

■ 35.4490, 0.3774,
0.5309

■ 50.5106, 0.2780,
0.2403

■ 35.0486, 0.3755,
0.5395

■ 51.1475, 0.2812,
0.2411

Harmonies

Analogous

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



41.2868, 0.3329, 0.3500



41.2868, 0.3224, 0.3514



41.2868, 0.3095, 0.3465

Triad

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



41.2868, 0.3224, 0.3514



41.2868, 0.2881, 0.3143



41.2868, 0.3279, 0.3215

Complementary

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



41.2868, 0.3224, 0.3514



35.2035, 0.3025, 0.3061

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.



41.2868, 0.3156, 0.3124



41.2868, 0.3224, 0.3514



41.2868, 0.2927, 0.3082

Square

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



41.2868, 0.3224, 0.3514



41.2868, 0.2898, 0.3247



41.2868, 0.3027, 0.3076



41.2868, 0.3362, 0.3326

Rectangle

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



41.2868, 0.3224, 0.3514



41.2868, 0.3012, 0.3402



41.2868, 0.3027, 0.3076



41.2868, 0.3241, 0.3181

Sweetspot

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



41.2886, 0.3224, 0.3514



76.1293, 0.3159, 0.3363



37.3151, 0.3278, 0.3347



16.8836, 0.3167, 0.3382



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.



41.2886, 0.3224, 0.3514



74.4876, 0.3245, 0.3564



40.4298, 0.3152, 0.3519



9.2265, 0.3225, 0.3517



25.4228, 0.3758, 0.5398



0.7312, 0.3897, 0.5287

Inverse Universe

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



35.2035, 0.3025, 0.3061



61.2326, 0.3001, 0.3008



36.0626, 0.3099, 0.3066



7.8516, 0.3023, 0.3058



2.6309, 0.1661, 0.0689



0.0992, 0.1988, 0.0869

Previews

White Background



This preview shows how the Yxy color 41.2868, 0.3224, 0.3514 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 41.2868, 0.3224, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

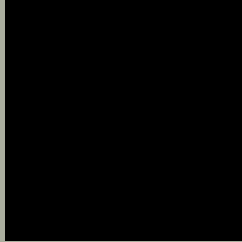
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

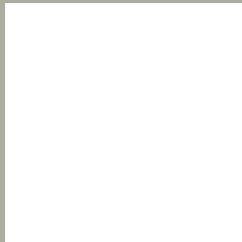
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2868, 0.3224, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 41.2868, 0.3224, 0.3514.



This preview shows how white text looks on a background with the Yxy color 41.2868, 0.3224, 0.3514.

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

41.2868, 0.3224, 0.3514

Protanopia

41.1438, 0.3321, 0.3482

Deuteranopia

41.1480, 0.3437, 0.3370



Tritanopia

41.2088, 0.3047, 0.3102

Trichromacy



Original Color

41.2868, 0.3224, 0.3514

Protanomaly

41.1695, 0.3291, 0.3497

Deuteranomaly

41.1934, 0.3364, 0.3425

Tritanomaly

41.1052, 0.3112, 0.3235

Monochromacy



Original Color

41.2868, 0.3224, 0.3514

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.9161, 0.3168, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2868, 0.3224, 0.3514 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(170, 174, 158)` looks like.

```
.text, #text, p{  
    color:rgb(170, 174, 158)  
}
```

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(170, 174, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 174, 158) }
```

Border

The CSS property to change the border of an element to Yxy 41.2868, 0.3224, 0.3514 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(170, 174, 158) }
```

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

```
.border{ border-color:rgb(170, 174, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 174, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 174, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 174, 158);  
box-shadow:4px 4px 4px 4px rgb(170, 174,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2868, 0.3224, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 174, 158) }
```

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

```
.background{ background-color: rgb(170,  
174, 158) }
```

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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