

Converting Colors

$Yxy(41.1523, 0.3328, 0.3155)$

Have a look what the booklet for
Yxy(41.1523, 0.3328, 0.3155)
contains.

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Color

Yxy(41.2090, 0.3331, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	C3A4AE
RGB	195, 164, 174
RGB Percent	76%, 64%, 68%
CMY	0.2355, 0.3568, 0.3177
CMYK	0.00, 0.16, 0.11, 0.24
HSL	341°, 20%, 70%
HSV	341°, 16%, 76%
XYZ	43.4115, 41.2090, 45.7052
YIQ	174.4090, 15.2660, 9.6820

Conversions

Conversions Part 2

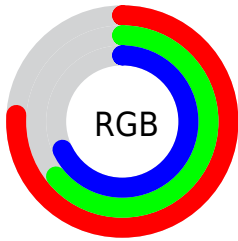
Format	Color
R _Y B	195, 164, 174
Decimal	12821678
CIE Lab	70.32, 12.98, -0.92
CIE LCh	70, 13.012, 355.953
Yxy	41.2090, 0.3331, 0.3162
Android (android.graphics.Color)	4291011758 (0xFFC3A4AE)
YUV	174.4090, -0.2016, 18.0583
Hunter-Lab	64.1942, 8.3711, 2.7225

Details

The Yxy color **41.2090, 0.3331, 0.3162** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4072, 0.2958, 0.3422**, and the grayscale version is **42.5426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0156, 0.3298, 0.3190**, and **18.6562, 0.3388, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **34.2681, 0.3497, 0.3076**, and if you desaturate by 10%, it is **49.2739, 0.3195, 0.3244**.

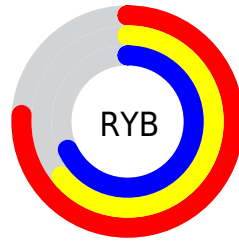
Distribution



Red (76%)

Green (64%)

Blue (68%)



Red (76%)

Yellow (64%)

Blue (68%)

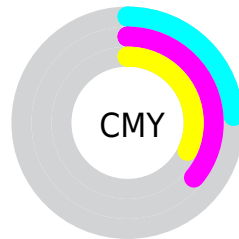


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2090, 0.3331, 0.3162 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 41.2090, 0.3331, 0.3162 by changing the saturation by 10% instead.


 41.2090, 0.3331,
0.3162


 41.2090, 0.3331,
0.3162

351.1934, 0.3227,
0.3227

 28.4824, 0.3358,
0.3145


 77.0011, 0.3293,
0.3186

 18.6896, 0.3392,
0.3124


 100.8353, 0.3279,
0.3195

 11.4462, 0.3439,
0.3095


129.1410, 0.3267,
0.3202

 6.3678, 0.3506,
0.3053

162.3024, 0.3256,
0.3209

 3.0700, 0.3609,
0.2990

200.7039, 0.3248,
0.3214

 1.1684, 0.3789,
0.2880

244.7300, 0.3240,

 0.0357, 0.7166,

0.3219

0.0729

294.7650, 0.3233,
0.3223

0.0000, 0.0000,
0.0000

41.2090, 0.3331,
0.3162

41.2090, 0.3331,
0.3162

34.2681, 0.3497,
0.3076

49.2739, 0.3195,
0.3244

28.3958, 0.3699,
0.2989

58.5042, 0.3084,
0.3321

23.5399, 0.3941,
0.2906

68.9458, 0.2993,
0.3392

19.6421, 0.4225,
0.2834

80.6406, 0.2919,
0.3457

16.6377, 0.4548,
0.2784

89.4107, 0.2854,
0.3449

■ 14.4541, 0.4896,
0.2768

■ 90.2251, 0.2787,
0.3307

■ 13.0072, 0.5246,
0.2796

■ 90.3361, 0.2778,
0.3289

■ 12.1919, 0.5568,
0.2872

■ 11.9530, 0.5691,
0.2909

Harmonies

Analogous

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



41.2090, 0.3145, 0.3038



41.2090, 0.3331, 0.3162



41.2090, 0.3463, 0.3321

Triad

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



41.2090, 0.3331, 0.3162



41.2090, 0.3289, 0.3624



41.2090, 0.2766, 0.3088

Complementary

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



41.2090, 0.3331, 0.3162



50.4072, 0.2958, 0.3422

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.



41.2090, 0.2802, 0.3244



41.2090, 0.3331, 0.3162



41.2090, 0.3100, 0.3563

Square

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



41.2090, 0.3331, 0.3162



41.2090, 0.3437, 0.3590



41.2090, 0.2923, 0.3421



41.2090, 0.2822, 0.2992

Rectangle

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



41.2090, 0.3331, 0.3162



41.2090, 0.3501, 0.3427



41.2090, 0.2923, 0.3421



41.2090, 0.2767, 0.3135

Sweetspot

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



41.2108, 0.3331, 0.3162



89.5235, 0.3185, 0.3251



40.7673, 0.3053, 0.2891



19.3604, 0.3194, 0.3245



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.2108, 0.3331, 0.3162



69.3602, 0.3384, 0.3133



42.7195, 0.3413, 0.3358



10.1302, 0.3239, 0.3216



7.7866, 0.5656, 0.2889



0.3492, 0.5012, 0.2535

Inverse Universe

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



41.2108, 0.3331, 0.3162



69.3602, 0.3384, 0.3133



48.5732, 0.2887, 0.3221



10.1302, 0.3239, 0.3216



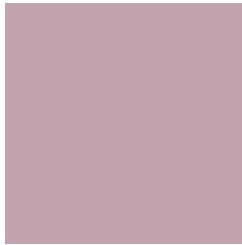
7.7866, 0.5656, 0.2889



0.3492, 0.5012, 0.2535

Previews

White Background



This preview shows how the Yxy color 41.2090, 0.3331, 0.3162 looks on a white background.

Color Contrast Check

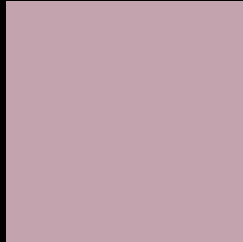
Large Text (above 18pt) WCAG AA × Fail

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 41.2090, 0.3331, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

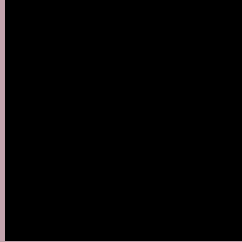
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2090, 0.3331, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 41.2090, 0.3331, 0.3162.



This preview shows how white text looks on a background with the Yxy color 41.2090, 0.3331, 0.3162.

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

41.2090, 0.3331, 0.3162

Protanopia

41.2244, 0.3087, 0.3195

Deuteranopia

41.3459, 0.3270, 0.3212



Tritanopia

41.2876, 0.3313, 0.3136

Trichromacy



Original Color

41.2090, 0.3331, 0.3162

Protanomaly

41.0033, 0.3169, 0.3170

Deuteranomaly

41.3659, 0.3300, 0.3199

Tritanomaly

41.2482, 0.3322, 0.3149

Monochromacy



Original Color

41.2090, 0.3331, 0.3162

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.7505, 0.3202, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2090, 0.3331, 0.3162 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(195, 164, 174)` looks like.

```
.text, #text, p{  
    color:rgb(195, 164, 174)  
}
```

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(195, 164, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 164, 174) }
```

Border

The CSS property to change the border of an element to Yxy 41.2090, 0.3331, 0.3162 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(195, 164, 174) }
```

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

```
.border{ border-color:rgb(195, 164, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 164, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 164, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 164, 174);  
box-shadow:4px 4px 4px 4px rgb(195, 164,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2090, 0.3331, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 164, 174) }
```

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

```
.background{ background-color: rgb(195,  
164, 174) }
```

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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