

Converting Colors

$Y_{xy}(41.4222, 0.3364, 0.3223)$

Have a look what the booklet for
Yxy(41.4222, 0.3364, 0.3223)
contains.

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Color

Yxy(41.4146, 0.3366, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	C3A5AA
RGB	195, 165, 170
RGB Percent	76%, 65%, 67%
CMY	0.2354, 0.3529, 0.3333
CMYK	0.00, 0.15, 0.13, 0.24
HSL	350°, 20%, 71%
HSV	350°, 15%, 76%
XYZ	43.2119, 41.4146, 43.7511
YIQ	174.5400, 16.2750, 7.9150

Conversions

Conversions Part 2

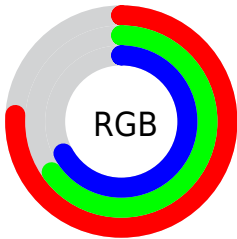
Format	Color
RYB	195, 165, 170
Decimal	12821930
CIELab	70.47, 11.77, 1.49
CIELCh	70, 11.865, 7.235
Yxy	41.4146, 0.3366, 0.3226
Android (android.graphics.Color)	4291012010 (0xFFC3A5AA)
YUV	174.5400, -2.2382, 17.9434
Hunter-Lab	64.3542, 7.2376, 4.7397

Details

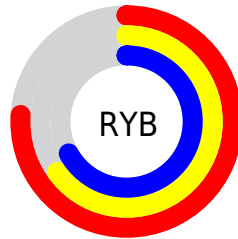
The Yxy color **41.4146, 0.3366, 0.3226** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.7357, 0.2931, 0.3355**, and the grayscale version is **42.6252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3181, 0.3324, 0.3240**, and **18.7810, 0.3438, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **34.3328, 0.3569, 0.3181**, and if you desaturate by 10%, it is **49.6483, 0.3202, 0.3268**.

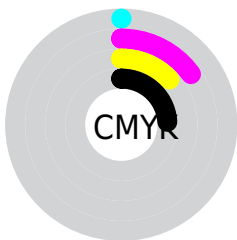
Distribution



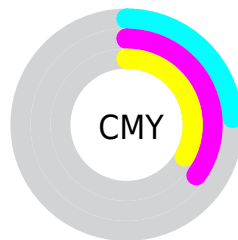
- Red (76%)
- Green (65%)
- Blue (67%)



- Red (76%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (24%)




- Cyan (24%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4146, 0.3366, 0.3226 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 41.4146, 0.3366, 0.3226 by changing the saturation by 10% instead.


 41.4146, 0.3366,
0.3226

 41.4146, 0.3366,
0.3226


352.0505, 0.3244,
0.3259

 28.6432, 0.3397,
0.3217


 77.3129, 0.3321,
0.3238

 18.8111, 0.3438,
0.3206


 101.2085, 0.3304,
0.3243

 11.5338, 0.3494,
0.3190


129.5810, 0.3290,
0.3247

 6.4271, 0.3573,
0.3167

162.8148, 0.3278,
0.3250

 3.1065, 0.3696,
0.3131

201.2943, 0.3268,
0.3253

 1.1876, 0.3913,
0.3066

245.4037, 0.3259,

 0.0515, 0.8671,

0.3255

0.1329

295.5277, 0.3251,
0.3257

0.0000, 0.0000,
0.0000

41.4146, 0.3366,
0.3226

41.4146, 0.3366,
0.3226

34.3328, 0.3569,
0.3181

49.6483, 0.3202,
0.3268

28.3462, 0.3819,
0.3136

59.0763, 0.3069,
0.3308

23.4017, 0.4122,
0.3094

69.7457, 0.2962,
0.3344

19.4394, 0.4480,
0.3060

81.6993, 0.2874,
0.3377

16.3934, 0.4885,
0.3041

90.0986, 0.2797,
0.3329

■ 14.1898, 0.5311,
0.3046

■ 90.3385, 0.2778,
0.3289

■ 12.7429, 0.5714,
0.3079

■ 11.9482, 0.6042,
0.3141

■ 11.7056, 0.6164,
0.3169

Harmonies

Analogous

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



41.4146, 0.3210, 0.3097



41.4146, 0.3366, 0.3226



41.4146, 0.3457, 0.3374

Triad

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



41.4146, 0.3366, 0.3226



41.4146, 0.3212, 0.3583



41.4146, 0.2807, 0.3065

Complementary

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



41.4146, 0.3366, 0.3226



50.7357, 0.2931, 0.3355

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.



41.4146, 0.2808, 0.3191



41.4146, 0.3366, 0.3226



41.4146, 0.3039, 0.3496

Square

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



41.4146, 0.3366, 0.3226



41.4146, 0.3366, 0.3584



41.4146, 0.2892, 0.3350



41.4146, 0.2889, 0.3003

Rectangle

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



41.4146, 0.3366, 0.3226



41.4146, 0.3468, 0.3466



41.4146, 0.2892, 0.3350



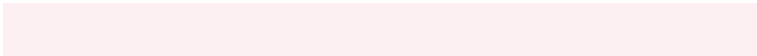
41.4146, 0.2798, 0.3101

Sweetspot

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



41.4164, 0.3366, 0.3226



89.4050, 0.3198, 0.3270



41.7346, 0.3095, 0.2909



19.3310, 0.3208, 0.3267



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.



41.4164, 0.3366, 0.3226



70.2947, 0.3421, 0.3213



44.7817, 0.3393, 0.3413



10.1047, 0.3263, 0.3252



7.6189, 0.6136, 0.3154



0.3379, 0.5569, 0.2841

Inverse Universe

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



41.4164, 0.3366, 0.3226



70.2947, 0.3421, 0.3213



46.8414, 0.2892, 0.3164



10.1047, 0.3263, 0.3252



7.6189, 0.6136, 0.3154



0.3379, 0.5569, 0.2841

Previews

White Background



This preview shows how the Yxy color 41.4146, 0.3366, 0.3226 looks on a white background.

Color Contrast Check

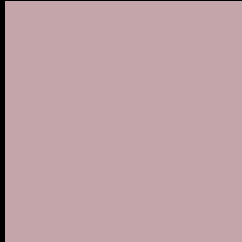
Large Text (above 18pt) WCAG AA × Fail

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 41.4146, 0.3366, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

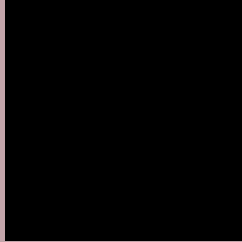
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4146, 0.3366, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 41.4146, 0.3366, 0.3226.



This preview shows how white text looks on a background with the Yxy color 41.4146, 0.3366, 0.3226.

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

41.4146, 0.3366, 0.3226

Protanopia

41.6750, 0.3137, 0.3263

Deuteranopia

41.4869, 0.3316, 0.3251



Tritanopia

41.4610, 0.3314, 0.3124

Trichromacy



Original Color

41.4146, 0.3366, 0.3226

Protanomaly

41.3381, 0.3212, 0.3237

Deuteranomaly

41.3812, 0.3336, 0.3238

Tritanomaly

41.3427, 0.3341, 0.3162

Monochromacy



Original Color

41.4146, 0.3366, 0.3226

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.0880, 0.3210, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4146, 0.3366, 0.3226 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, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(195, 165, 170)  
}
```

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, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 165, 170) }
```

Border

The CSS property to change the border of an element to Yxy 41.4146, 0.3366, 0.3226 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, 165, 170) }
```

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

```
.border{ border-color:rgb(195, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 165, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 165, 170); box-shadow:4px 4px 4px 4px rgb(195, 165, 170) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4146, 0.3366, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 165, 170) }
```

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

```
.background{ background-color: rgb(195,  
165, 170) }
```

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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