

Converting Colors

Yxy(41.8124, 0.3393, 0.3220)

Have a look what the booklet for
Yxy(41.8124, 0.3393, 0.3220)
contains.

Yxy(41.8183, 0.3395, 0.3227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.8183, 0.3395, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	C6A5AA
RGB	198, 165, 170
RGB Percent	78%, 65%, 67%
CMY	0.2236, 0.3529, 0.3334
CMYK	0.00, 0.17, 0.14, 0.22
HSL	351°, 22%, 71%
HSV	351°, 17%, 78%
XYZ	43.9954, 41.8183, 43.7751
YIQ	175.4370, 18.0630, 8.5510

Conversions

Conversions Part 2

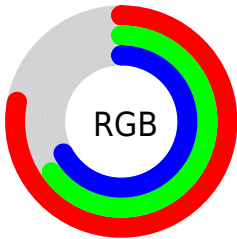
Format	Color
RYB	198, 165, 170
Decimal	13018538
CIELab	70.75, 12.87, 1.95
CIELCh	71, 13.020, 8.614
Yxy	41.8183, 0.3395, 0.3227
Android (android.graphics.Color)	4291208618 (0xFFC6A5AA)
YUV	175.4370, -2.6804, 19.7878
Hunter-Lab	64.6671, 8.2728, 5.1318

Details

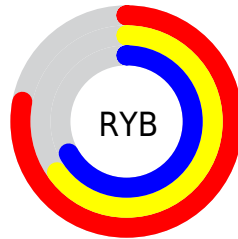
The Yxy color $41.8183, 0.3395, 0.3227$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $52.2332, 0.2911, 0.3354$, and the grayscale version is $43.1151, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.8826, 0.3346, 0.3241$, and $19.0476, 0.3478, 0.3204$ is the 20% darker color. If you saturate the color by 10%, you get $34.6256, 0.3608, 0.3187$, and if you desaturate by 10%, it is $50.2018, 0.3223, 0.3266$.

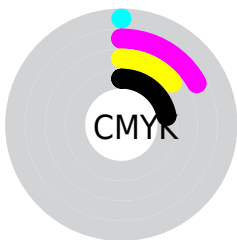
Distribution



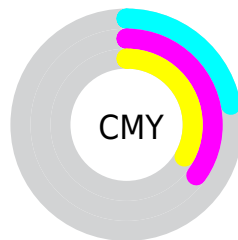
- Red (78%)
- Green (65%)
- Blue (67%)



- Red (78%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8183, 0.3395, 0.3227 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 41.8183, 0.3395, 0.3227 by changing the saturation by 10% instead.


 41.8183, 0.3395,
0.3227

 41.8183, 0.3395,
0.3227

353.7292, 0.3258,
0.3260

 28.9590, 0.3430,
0.3218

 77.9246, 0.3345,
0.3239

 19.0498, 0.3476,
0.3207


 101.9403, 0.3326,
0.3244

 11.7063, 0.3538,
0.3191

130.4438, 0.3310,
0.3248

 6.5440, 0.3626,
0.3168

163.8192, 0.3297,
0.3251

 3.1786, 0.3763,
0.3132

202.4511, 0.3285,
0.3254

 1.2257, 0.4003,
0.3065

246.7238, 0.3275,

 0.0825, 0.8263,

0.3256

0.1737

297.0217, 0.3266,
0.3258

0.0000, 0.0000,
0.0000

41.8183, 0.3395,
0.3227

41.8183, 0.3395,
0.3227

34.6256, 0.3608,
0.3187

50.2018, 0.3223,
0.3266

28.5642, 0.3870,
0.3146

59.8207, 0.3084,
0.3302

23.5781, 0.4188,
0.3109

70.7244, 0.2972,
0.3335

19.6043, 0.4561,
0.3080

82.9577, 0.2881,
0.3365

16.5731, 0.4979,
0.3066

90.6827, 0.2799,
0.3299

■ 14.4061, 0.5411,
0.3075

■ 90.7438, 0.2794,
0.3289

■ 13.0121, 0.5809,
0.3112

■ 12.2719, 0.6117,
0.3172

■ 12.0969, 0.6200,
0.3189

Harmonies

Analogous

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



41.8183, 0.3226, 0.3085



41.8183, 0.3395, 0.3227



41.8183, 0.3491, 0.3389

Triad

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



41.8183, 0.3395, 0.3227



41.8183, 0.3211, 0.3608



41.8183, 0.2780, 0.3039

Complementary

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



41.8183, 0.3395, 0.3227



52.2332, 0.2911, 0.3354

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.



41.8183, 0.2777, 0.3174



41.8183, 0.3395, 0.3227



41.8183, 0.3022, 0.3510

Square

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



41.8183, 0.3395, 0.3227



41.8183, 0.3382, 0.3614



41.8183, 0.2864, 0.3347



41.8183, 0.2873, 0.2976

Rectangle

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



41.8183, 0.3395, 0.3227



41.8183, 0.3499, 0.3488



41.8183, 0.2864, 0.3347



41.8183, 0.2768, 0.3077

Sweetspot

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



41.8202, 0.3395, 0.3227



91.4553, 0.3199, 0.3272



42.2618, 0.3097, 0.2876



19.3280, 0.3210, 0.3269



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.



41.8202, 0.3395, 0.3227



69.1836, 0.3468, 0.3212



45.7729, 0.3418, 0.3431



10.6626, 0.3266, 0.3255



7.8762, 0.6175, 0.3175



0.3815, 0.5669, 0.2897

Inverse Universe

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



41.8202, 0.3395, 0.3227



69.1836, 0.3468, 0.3212



47.6155, 0.2872, 0.3145



10.6626, 0.3266, 0.3255



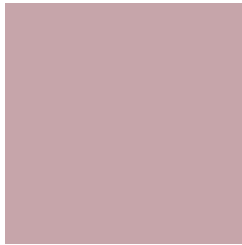
7.8762, 0.6175, 0.3175



0.3815, 0.5669, 0.2897

Previews

White Background



This preview shows how the Yxy color 41.8183, 0.3395, 0.3227 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 41.8183, 0.3395, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

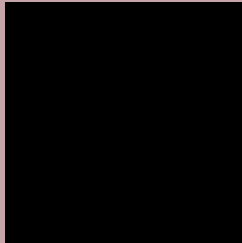
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8183, 0.3395, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 41.8183, 0.3395, 0.3227.



This preview shows how white text looks on a background with the Yxy color 41.8183, 0.3395, 0.3227.

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

41.8183, 0.3395, 0.3227

Protanopia

41.7911, 0.3146, 0.3263

Deuteranopia

41.9462, 0.3333, 0.3278



Tritanopia

41.8674, 0.3342, 0.3126

Trichromacy



Original Color

41.8183, 0.3395, 0.3227

Protanomaly

41.5834, 0.3231, 0.3237

Deuteranomaly

41.9713, 0.3363, 0.3265

Tritanomaly

41.7490, 0.3369, 0.3163

Monochromacy



Original Color

41.8183, 0.3395, 0.3227

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.2102, 0.3219, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8183, 0.3395, 0.3227 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(198, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 165, 170) }
```

Border

The CSS property to change the border of an element to Yxy 41.8183, 0.3395, 0.3227 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(198, 165, 170) }
```

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

```
.border{ border-color:rgb(198, 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(198, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(198, 165,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8183, 0.3395, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 165, 170) }
```

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

```
.background{ background-color: rgb(198,  
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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