

Converting Colors

$Yxy(38.8401, 0.3528, 0.3237)$

Have a look what the booklet for
Yxy(38.8401, 0.3528, 0.3237)
contains.

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Color

Yxy(38.7677, 0.3530, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	C99CA1
RGB	201, 156, 161
RGB Percent	79%, 61%, 63%
CMY	0.2118, 0.3882, 0.3687
CMYK	0.00, 0.22, 0.20, 0.21
HSL	353°, 29%, 70%
HSV	353°, 22%, 79%
XYZ	42.4078, 38.7677, 38.9599
YIQ	170.0250, 25.2150, 11.0950

Conversions

Conversions Part 2

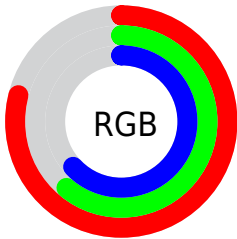
Format	Color
RYB	201, 156, 161
Decimal	13212833
CIELab	68.58, 17.49, 3.84
CIElCh	69, 17.904, 12.401
Yxy	38.7677, 0.3530, 0.3227
Android (android.graphics.Color)	4291402913 (0xFFC99CA1)
YUV	170.0250, -4.4493, 27.1651
Hunter-Lab	62.2637, 12.6148, 6.4854

Details

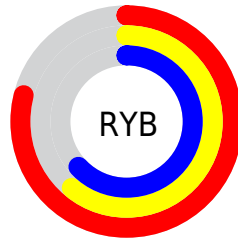
The Yxy color **38.7677, 0.3530, 0.3227** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.8281, 0.2830, 0.3355**, and the grayscale version is **40.2254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8064, 0.3424, 0.3240**, and **17.3399, 0.3644, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **31.9862, 0.3783, 0.3197**, and if you desaturate by 10%, it is **46.7591, 0.3326, 0.3256**.

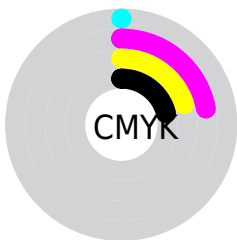
Distribution



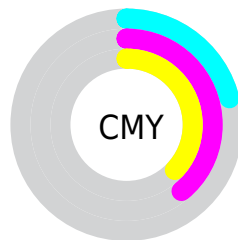
- Red (79%)
- Green (61%)
- Blue (63%)



- Red (79%)
- Yellow (61%)
- Blue (63%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7677, 0.3530, 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 38.7677, 0.3530, 0.3227 by changing the saturation by 10% instead.


 38.7677, 0.3530,
0.3227


 38.7677, 0.3530,
0.3227


340.9018, 0.3321,
0.3262

 26.5791, 0.3585,
0.3217


 73.2833, 0.3452,
0.3240

 17.2573, 0.3656,
0.3204


 96.3791, 0.3424,
0.3245

 10.4181, 0.3754,
0.3185


123.8793, 0.3400,
0.3249

 5.6771, 0.3896,
0.3157

156.1685, 0.3379,
0.3252

 2.6497, 0.4121,
0.3108

193.6309, 0.3362,
0.3255

 0.9517, 0.4544,
0.3023

236.6510, 0.3347,

 0.0000, 1.0000,

0.3258

0.0000

285.6132, 0.3333,
0.3260

0.0000, 0.0000,
0.0000

38.7677, 0.3530,
0.3227

38.7677, 0.3530,
0.3227

31.9862, 0.3783,
0.3197

46.7591, 0.3326,
0.3256

26.3505, 0.4092,
0.3169

56.0099, 0.3161,
0.3284

21.7990, 0.4461,
0.3145

66.5729, 0.3029,
0.3309

18.2619, 0.4882,
0.3132

78.4967, 0.2922,
0.3332

15.6611, 0.5329,
0.3133

90.8623, 0.2834,
0.3338

■ 13.9075, 0.5754,
0.3156

■ 91.1575, 0.2811,
0.3289

■ 12.8944, 0.6095,
0.3198

■ 12.4764, 0.6276,
0.3231

Harmonies

Analogous

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



38.7677, 0.3299, 0.3026



38.7677, 0.3530, 0.3227



38.7677, 0.3650, 0.3451

Triad

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



38.7677, 0.3530, 0.3227



38.7677, 0.3208, 0.3734



38.7677, 0.2652, 0.2919

Complementary

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



38.7677, 0.3530, 0.3227



52.8281, 0.2830, 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.



38.7677, 0.2632, 0.3093



38.7677, 0.3530, 0.3227



38.7677, 0.2945, 0.3578

Square

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



38.7677, 0.3530, 0.3227



38.7677, 0.3457, 0.3755



38.7677, 0.2736, 0.3336



38.7677, 0.2794, 0.2849

Rectangle

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



38.7677, 0.3530, 0.3227



38.7677, 0.3648, 0.3587



38.7677, 0.2736, 0.3336



38.7677, 0.2631, 0.2966

Sweetspot

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



38.7695, 0.3530, 0.3227



88.1547, 0.3234, 0.3271



39.6986, 0.3105, 0.2731



18.6614, 0.3244, 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.



38.7695, 0.3530, 0.3227



60.3259, 0.3650, 0.3212



44.8027, 0.3533, 0.3511



10.6557, 0.3272, 0.3265



7.8516, 0.6254, 0.3219



0.3784, 0.5841, 0.2992

Inverse Universe

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



38.7695, 0.3530, 0.3227



60.3259, 0.3650, 0.3212



45.4638, 0.2781, 0.3058



10.6557, 0.3272, 0.3265



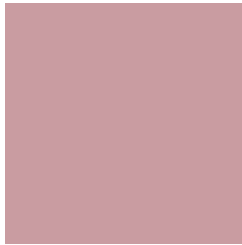
7.8516, 0.6254, 0.3219



0.3784, 0.5841, 0.2992

Previews

White Background



This preview shows how the Yxy color 38.7677, 0.3530, 0.3227 looks on a white background.

Color Contrast Check

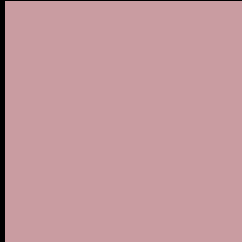
Large Text (above 18pt) WCAG AA × Fail

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 38.7677, 0.3530, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

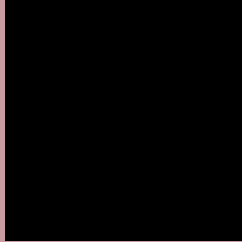
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7677, 0.3530, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 38.7677, 0.3530, 0.3227.



This preview shows how white text looks on a background with the Yxy color 38.7677, 0.3530, 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

38.7677, 0.3530, 0.3227

Protanopia

39.0854, 0.3164, 0.3290

Deuteranopia

38.9435, 0.3387, 0.3318



Tritanopia

38.7893, 0.3483, 0.3138

Trichromacy



Original Color

38.7677, 0.3530, 0.3227

Protanomaly

38.8561, 0.3291, 0.3263

Deuteranomaly

38.8861, 0.3441, 0.3291

Tritanomaly

38.7159, 0.3503, 0.3163

Monochromacy



Original Color

38.7677, 0.3530, 0.3227

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.5240, 0.3260, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7677, 0.3530, 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(201, 156, 161)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 161)  
}
```

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(201, 156, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 161) }
```

Border

The CSS property to change the border of an element to Yxy 38.7677, 0.3530, 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(201, 156, 161) }
```

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

```
.border{ border-color:rgb(201, 156, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 156, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 156, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 156, 161);  
box-shadow:4px 4px 4px 4px rgb(201, 156,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7677, 0.3530, 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(201, 156, 161) }
```

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

```
.background{ background-color: rgb(201,  
156, 161) }
```

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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