

Converting Colors

Yxy(31.9616, 0.3883, 0.3247)

Have a look what the booklet for
Yxy(31.9616, 0.3883, 0.3247)
contains.

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Color

Yxy(32.0003, 0.3879, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	CC878A
RGB	204, 135, 138
RGB Percent	80%, 53%, 54%
CMY	0.1999, 0.4706, 0.4588
CMYK	0.00, 0.34, 0.32, 0.20
HSL	357°, 40%, 66%
HSV	357°, 34%, 80%
XYZ	38.1584, 32.0003, 28.2130
YIQ	155.9730, 40.1610, 15.5610

Conversions

Conversions Part 2

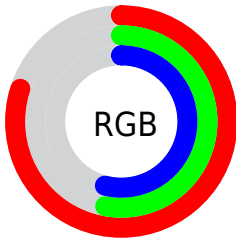
Format	Color
RYB	204, 135, 138
Decimal	13404042
CIELab	63.34, 26.86, 9.29
CIElCh	63, 28.420, 19.088
Yxy	32.0003, 0.3879, 0.3253
Android (android.graphics.Color)	4291594122 (0xFFCC878A)
YUV	155.9730, -8.8607, 42.1197
Hunter-Lab	56.5688, 21.4114, 10.0280

Details

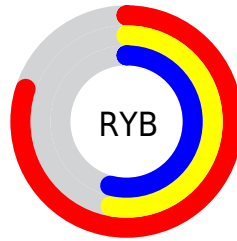
The Yxy color **32.0003, 0.3879, 0.3253** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.5645, 0.2669, 0.3329**, and the grayscale version is **33.2610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4168, 0.3666, 0.3271**, and **13.3411, 0.4142, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **26.3288, 0.4224, 0.3243**, and if you desaturate by 10%, it is **38.8672, 0.3597, 0.3264**.

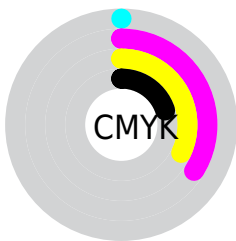
Distribution



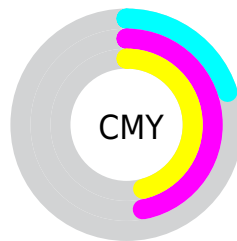
- Red (80%)
- Green (53%)
- Blue (54%)



- Red (80%)
- Yellow (53%)
- Blue (54%)



- Cyan (0%)
- Magenta (34%)
- Yellow (32%)
- Black (20%)





- Cyan (20%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0003, 0.3879, 0.3253 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 32.0003, 0.3879, 0.3253 by changing the saturation by 10% instead.


 32.0003, 0.3879,
0.3253


 32.0003, 0.3879,
0.3253


311.1206, 0.3476,
0.3281

 21.3617, 0.3989,
0.3242


 62.8116, 0.3726,
0.3266

 13.3887, 0.4136,
0.3225


 83.7530, 0.3670,
0.3270

 7.6967, 0.4342,
0.3197


 108.8976, 0.3624,
0.3273

 3.9015, 0.4650,
0.3147

138.6297, 0.3585,
0.3276

 1.6186, 0.5154,
0.3043

173.3336, 0.3552,
0.3278

 0.3701, 0.7335,
0.2665

213.3938, 0.3523,

 0.0000, 0.0000,

0.3279

0.0000

259.1947, 0.3498,
0.3280

■ 32.0003, 0.3879,
0.3253

■ 32.0003, 0.3879,
0.3253

■ 26.3288, 0.4224,
0.3243

■ 38.8672, 0.3597,
0.3264

■ 21.7802, 0.4631,
0.3235

■ 46.9875, 0.3369,
0.3275

■ 18.2811, 0.5088,
0.3233

■ 56.4210, 0.3187,
0.3286

■ 15.7478, 0.5553,
0.3237

■ 67.2221, 0.3041,
0.3296

■ 14.0836, 0.5964,
0.3250

■ 79.4425, 0.2923,
0.3305

■ 13.1718, 0.6252,
0.3270

■ 91.5806, 0.2827,
0.3289

■ 12.8602, 0.6360,
0.3277

Harmonies

Analogous

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



32.0003, 0.3511, 0.2920



32.0003, 0.3879, 0.3253



32.0003, 0.4028, 0.3615

Triad

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



32.0003, 0.3879, 0.3253



32.0003, 0.3149, 0.4025



32.0003, 0.2381, 0.2627

Complementary

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



32.0003, 0.3879, 0.3253



52.5645, 0.2669, 0.3329

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.



32.0003, 0.2303, 0.2865



32.0003, 0.3879, 0.3253



32.0003, 0.2725, 0.3701

Square

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



32.0003, 0.3879, 0.3253



32.0003, 0.3586, 0.4098



32.0003, 0.2423, 0.3258



32.0003, 0.2645, 0.2568

Rectangle

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



32.0003, 0.3879, 0.3253



32.0003, 0.3979, 0.3835



32.0003, 0.2423, 0.3258



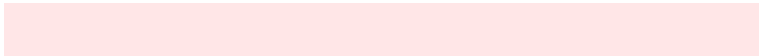
32.0003, 0.2333, 0.2687

Sweetspot

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



32.0018, 0.3879, 0.3253



83.3234, 0.3297, 0.3279



34.0449, 0.3132, 0.2449



17.3723, 0.3324, 0.3278



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.



32.0018, 0.3879, 0.3253



45.5837, 0.4139, 0.3245



41.8827, 0.3780, 0.3688



11.2215, 0.3283, 0.3280



8.0959, 0.6348, 0.3271



0.4205, 0.6175, 0.3175

Inverse Universe

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



32.0018, 0.3879, 0.3253



45.5837, 0.4139, 0.3245



39.3827, 0.2595, 0.2852



11.2215, 0.3283, 0.3280



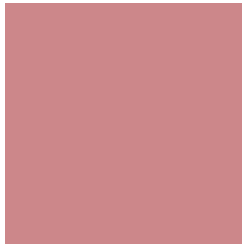
8.0959, 0.6348, 0.3271



0.4205, 0.6175, 0.3175

Previews

White Background



This preview shows how the Yxy color 32.0003, 0.3879, 0.3253 looks on a white background.

Color Contrast Check

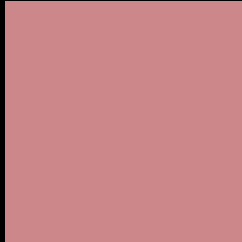
Large Text (above 18pt) WCAG AA × Fail

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 32.0003, 0.3879, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

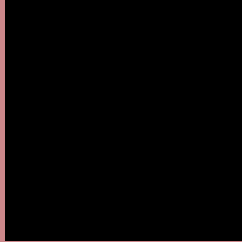
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0003, 0.3879, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 32.0003, 0.3879, 0.3253.



This preview shows how white text looks on a background with the Yxy color 32.0003, 0.3879, 0.3253.

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

32.0003, 0.3879, 0.3253

Protanopia

32.1897, 0.3225, 0.3366

Deuteranopia

32.0713, 0.3535, 0.3466



Tritanopia

32.0429, 0.3824, 0.3163

Trichromacy



Original Color

32.0003, 0.3879, 0.3253

Protanomaly

31.6853, 0.3457, 0.3320

Deuteranomaly

31.8902, 0.3661, 0.3375

Tritanomaly

31.9823, 0.3847, 0.3189

Monochromacy



Original Color

32.0003, 0.3879, 0.3253

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.2340, 0.3379, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0003, 0.3879, 0.3253 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(204, 135, 138)` looks like.

```
.text, #text, p{  
    color:rgb(204, 135, 138)  
}
```

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(204, 135, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 135, 138) }
```

Border

The CSS property to change the border of an element to Yxy 32.0003, 0.3879, 0.3253 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(204, 135, 138) }
```

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

```
.border{ border-color:rgb(204, 135, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 135, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 135, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 135, 138);  
box-shadow:4px 4px 4px 4px rgb(204, 135,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0003, 0.3879, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 135, 138) }
```

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

```
.background{ background-color: rgb(204,  
135, 138) }
```

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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