

Converting Colors

$Y_{xy}(28.7242, 0.3947, 0.3197)$

Have a look what the booklet for
Yxy(28.7242, 0.3947, 0.3197)
contains.

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Color

Yxy(28.6125, 0.3950, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	C87D84
RGB	200, 125, 132
RGB Percent	78%, 49%, 52%
CMY	0.2156, 0.5098, 0.4824
CMYK	0.00, 0.38, 0.34, 0.22
HSL	354°, 41%, 64%
HSV	354°, 38%, 78%
XYZ	35.3186, 28.6125, 25.4830
YIQ	148.2230, 42.4530, 18.0770

Conversions

Conversions Part 2

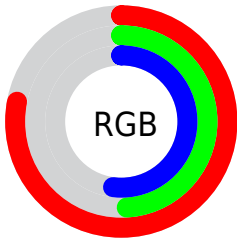
Format	Color
R _Y B	200, 125, 132
Decimal	13139332
CIE Lab	60.44, 29.99, 8.54
CIE LCh	60, 31.183, 15.890
Yxy	28.6125, 0.3950, 0.3200
Android (android.graphics.Color)	4291329412 (0xFFC87D84)
YUV	148.2230, -7.9979, 45.4084
Hunter-Lab	53.4907, 24.2505, 9.1976

Details

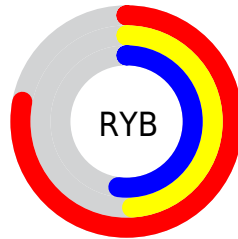
The Yxy color **28.6125, 0.3950, 0.3200** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.5250, 0.2649, 0.3386**, and the grayscale version is **29.7333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6036, 0.3748, 0.3218**, and **11.5860, 0.4238, 0.3151** is the 20% darker color. If you saturate the color by 10%, you get **23.5954, 0.4297, 0.3178**, and if you desaturate by 10%, it is **34.7384, 0.3663, 0.3225**.

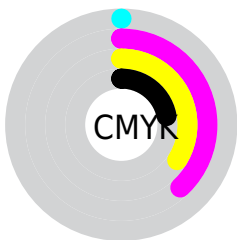
Distribution



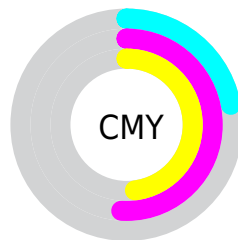
- Red (78%)
- Green (49%)
- Blue (52%)



- Red (78%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (38%)
- Yellow (34%)
- Black (22%)





- Cyan (22%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.6125, 0.3950, 0.3200 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 28.6125, 0.3950, 0.3200 by changing the saturation by 10% instead.


 28.6125, 0.3950,
0.3200


 28.6125, 0.3950,
0.3200


295.3822, 0.3502,
0.3258


 18.7879, 0.4075,
0.3180


 57.4609, 0.3778,
0.3225

 11.5171, 0.4245,
0.3151


 77.2534, 0.3716,
0.3233

 6.4158, 0.4486,
0.3104


 101.1373, 0.3665,
0.3239

 3.0995, 0.4853,
0.3023

129.4971, 0.3622,
0.3245

 1.1839, 0.5514,
0.2878

162.7171, 0.3585,
0.3249

 0.0485, 0.9413,
0.0587


201.1816, 0.3553,


 0.0000, 0.0000,

0.3253

0.0000


245.2752, 0.3526,
0.3256


 28.6125, 0.3950,
0.3200


 28.6125, 0.3950,
0.3200


 23.5954, 0.4297,
0.3178

 34.7384, 0.3663,
0.3225


 19.6167, 0.4702,
0.3163


 42.0294, 0.3430,
0.3249

 16.6049, 0.5149,
0.3158

 50.5431, 0.3243,
0.3273

 14.4775, 0.5596,
0.3169

 60.3320, 0.3093,
0.3295

 13.1379, 0.5983,
0.3198

 71.4457, 0.2971,
0.3316

■ 12.4516, 0.6252,
0.3239

■ 83.9308, 0.2873,
0.3334

■ 12.3264, 0.6303,
0.3246

■ 91.0207, 0.2805,
0.3289

Harmonies

Analogous

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



28.6125, 0.3509, 0.2837



28.6125, 0.3950, 0.3200



28.6125, 0.4149, 0.3605

Triad

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



28.6125, 0.3950, 0.3200



28.6125, 0.3201, 0.4159



28.6125, 0.2267, 0.2558

Complementary

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



28.6125, 0.3950, 0.3200



49.5250, 0.2649, 0.3386

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.



28.6125, 0.2202, 0.2842



28.6125, 0.3950, 0.3200



28.6125, 0.2714, 0.3812

Square

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



28.6125, 0.3950, 0.3200



28.6125, 0.3691, 0.4201



28.6125, 0.2357, 0.3302



28.6125, 0.2540, 0.2475

Rectangle

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



28.6125, 0.3950, 0.3200



28.6125, 0.4112, 0.3861



28.6125, 0.2357, 0.3302



28.6125, 0.2221, 0.2630

Sweetspot

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



28.6139, 0.3950, 0.3200



81.8592, 0.3307, 0.3265



30.1115, 0.3093, 0.2350



17.0833, 0.3332, 0.3261



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.



28.6139, 0.3950, 0.3200



42.3212, 0.4228, 0.3182



37.2059, 0.3887, 0.3685



10.6527, 0.3275, 0.3269



7.8427, 0.6283, 0.3235



0.3770, 0.5922, 0.3036

Inverse Universe

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



28.6139, 0.3950, 0.3200



42.3212, 0.4228, 0.3182



37.2827, 0.2546, 0.2854



10.6527, 0.3275, 0.3269



7.8427, 0.6283, 0.3235



0.3770, 0.5922, 0.3036

Previews

White Background



This preview shows how the Yxy color 28.6125, 0.3950, 0.3200 looks on a white background.

Color Contrast Check

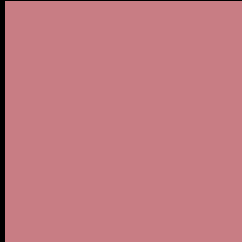
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6125, 0.3950, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

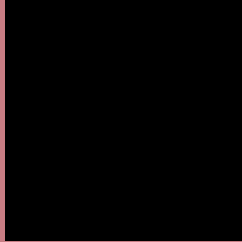
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6125, 0.3950, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 28.6125, 0.3950, 0.3200.



This preview shows how white text looks on a background with the Yxy color 28.6125, 0.3950, 0.3200.

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

28.6125, 0.3950, 0.3200

Protanopia

28.6235, 0.3189, 0.3322

Deuteranopia

28.7417, 0.3531, 0.3474



Tritanopia

28.6678, 0.3925, 0.3173

Trichromacy



Original Color

28.6125, 0.3950, 0.3200

Protanomaly

28.3659, 0.3453, 0.3276

Deuteranomaly

28.4046, 0.3678, 0.3365

Tritanomaly

28.6400, 0.3937, 0.3186

Monochromacy



Original Color

28.6125, 0.3950, 0.3200

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.9247, 0.3404, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6125, 0.3950, 0.3200 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(200, 125, 132)` looks like.

```
.text, #text, p{  
    color:rgb(200, 125, 132)  
}
```

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(200, 125, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 125, 132) }
```

Border

The CSS property to change the border of an element to Yxy 28.6125, 0.3950, 0.3200 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(200, 125, 132) }
```

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

```
.border{ border-color:rgb(200, 125, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 125, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 125, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 125, 132);  
box-shadow:4px 4px 4px 4px rgb(200, 125,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6125, 0.3950, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 125, 132) }
```

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

```
.background{ background-color: rgb(200,  
125, 132) }
```

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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